GUERNSEY BREEDERS' JOURNAL

Issued Semi-Monthly by The American Guernsey Cattle Club and Devoted to the Advancement of the Guernsey

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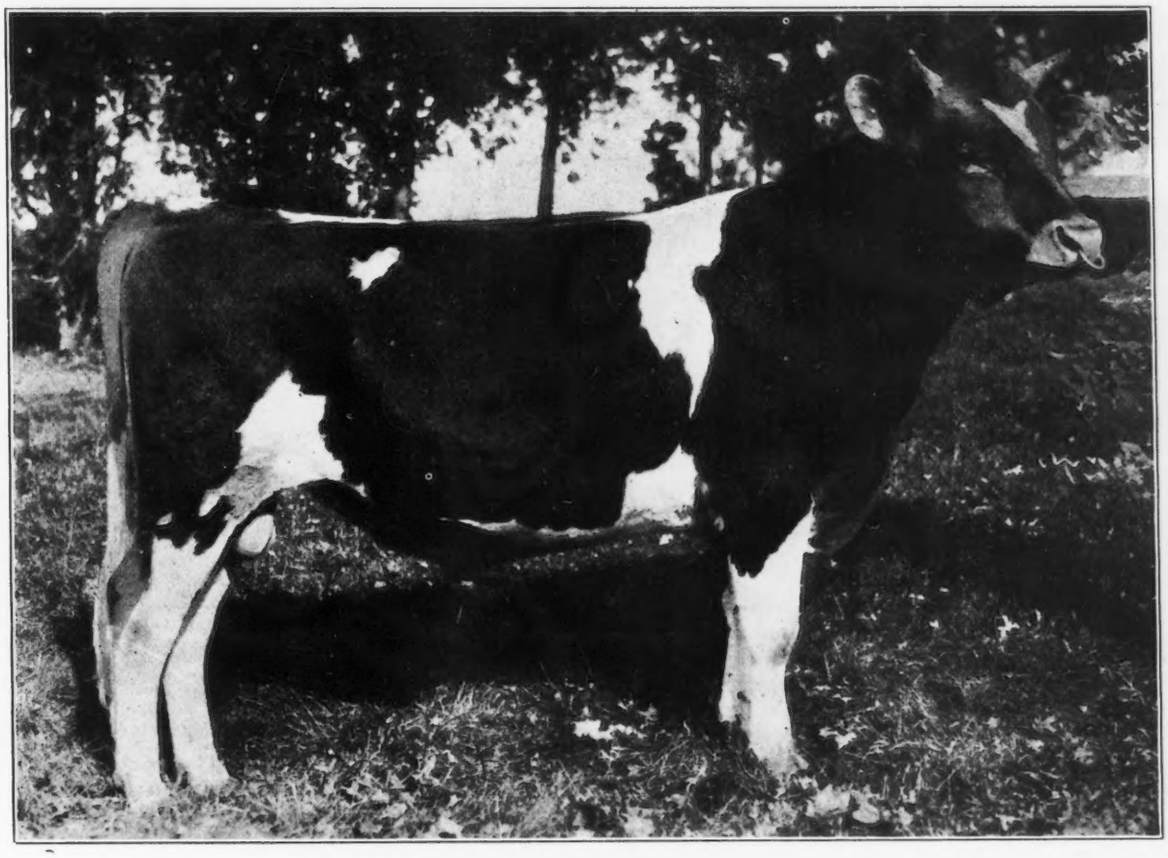

ULTRA KING OF EDGEMOOR 42532

Sire—Imp. Itchen May King 25174 Dam—Ultra Deanie 38915

Owned jointly by

Wm. M. Jones & Son, Waukesha, Wisconsin, and George McKerrow & Sons Co., Pewaukee, Wisconsin

(See Article on Page 104)

Guernsey Breeders' Journal

The Official Publication of the Breed
Published on the 1st and 15th of Every Month by
The American Guernsey Cattle Club
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Designed to Promote and Advance the Interests of the Guernsey

Annual Meeting Goes to Chicago This Year

At a recent meeting of the Executive Committee it was voted to hold the coming annual meeting of the CLUB May 15th, in Chicago.

With the exception of one or two meetings held in Philadelphia, the annual meeting has always been held in New York City, during the forty years of the CLUB's existence.

The census which recently appeared in the JOURNAL showed that as late as 1911 the majority of the Guernsey cattle in the country were owned east of the Allegheny mountains and Guernsey interests naturally centered in this section.

In considering the move of holding the annual meeting in the West, the committee realizes that with the growth of the breed in that section it will give an opportunity for the officers, as well as the members, to come into closer touch with the conditions facing the development of the breed. In this way a better understanding of the needs of the breed as a whole will be gained and this will encourage the forming of policies which should result in bringing about an even more rapid progress than the breed has been making within the last few years.

Theoretically, each state should be represented in the CLUB's activities by a number of members proportionate to the cattle owned in that state. It is hoped that by holding the annual meeting of the CLUB in Chicago this year, more of the breeders in the Middle West will join, and take a more active part in furthering the interests and keeping up the standards of the breed.

The thought that it would be a very desirable feature to hold a consignment sale at the time of the annual meeting, has been growing for some time. It has always been felt that the activities of the CLUB should be confined first and foremost to the management of the Herd Register, thus insuring purity of breeding. The recording of merit of individual animals led to the establishment of the Advanced Register and the placing of the merits of the breed rightly before the public, has caused the publishing of the JOURNAL and the organization of an Extension Service.

The wisdom, however, of in any manner assuming responsibility in the buying and selling of Guernseys has always been questioned. It is right that the CLUB should encourage all proper means of expanding the breed, and it has therefore appointed a sub-committee consisting of Messrs. F. Lothrop Ames, W. W. Marsh and Charles L. Hill, to see what details can be arranged for holding a high class consignment sale which will be surrounded with every precaution, that will promote confidence in the character and quality of the animals offered. It is hoped that this will afford an opportunity for breeders to see some of the best cows in the country brought together under one roof and offered at public auction. Further details will be announced in the JOURNAL, as plans are formulated and matters progress.

Proving Their Worth

It is very satisfying to know that cows which have been brought into the limelight through phenomenal production are passing on their good qualities to later generations. Probably Dolly Dimple 19144 was at one time the most widely known Guernsey cow of the breed. Attention was attracted by her unusual and at that time, phenomenal production of milk and butter fat, placing her at the head of two of the classes in which her records were made. Her two year old record of 703.36 pounds of butter fat stood at the head of the list for a long time but has gradually been surpassed by five young cows deserving of no little credit. When Dolly Dimple 19144 produced 906.89 pounds of fat in class D, however, she went to the head of her class to stay for some time. This record has not been surpassed by a three and a half year old cow since it was made nine years ago and is still over 100 pounds of fat ahead of the second highest class D record.

Attention is again drawn to this cow through her entry into the Great Dam list, the criterion of value of breeding animals. She now has three male and three female offspring which have been registered, and her blood has been best known in her descendants through her first calf, Dolly Dimple's May King of Langwater 12997. This bull has sired some very exceptional producing cows and nine bulls that have sired Advanced Register progeny, and through him her blood is being passed on and developed to a degree that is proving highly beneficial to the breed. Her third calf, Langwater Stars and Stripes 21872 has just become an Advanced Register sire through the completion of records of 447.22, 449.95 and 502.91 pounds of fat in class G, by three of his daughters, and his entry into the Advanced Register places Dolly Dimple 19144 in the Great Dam list. This honor that eventually comes to all cows which are prepotent exceptional producers and that are given the proper chance is particularly noteworthy in the case of Dolly Dimple 19144 because of her performance at the pail many years ago.

Our Fourth 1000-Pound Record

The official record of Langwater Nancy 27943 of 18783.50 pounds of milk and 1011.66 pounds of butter fat together with a few facts about this wonderful cow are given on another page in this issue. This record is the third highest in the breed and is the fourth one made which has exceeded the 1000-pound mark; all honor to her breeder, her owner and her caretaker.

This event coming as it does, at a time when feed prices are high and labor and other conditions are not conducive to the making of high records, is especially notable, and we are pleased to learn that other cows under test promise to approach if not surpass this mark. It looks as if this year will be exceptional in the number of high records completed by Guernsey cows.

The Browne Sale

We regret that the full report of the Browne Dispersal Sale, which took place in Waukesha, Wisconsin, February 6 will have to be held over until the March 1 issue. Fifty-two head were sold for $25165 or an average of 487 per head. One cow sold for $5025, the second highest price ever paid for a Guernsey cow at a public auction, and her daughter sold for $2000. It is reported that weather conditions and train service kept many buyers away, who had planned to attend, and that country roads were almost impassable on account of the snow. Buyers came from a territory extending from New England to Nebraska, however, and the bidding was spirited throughout the day. Details will appear next month.

OUR FOURTH 1000-POUND COW

Langwater Nancy 27943 Goes Third in Class Leaders

By E. A. BISHOP

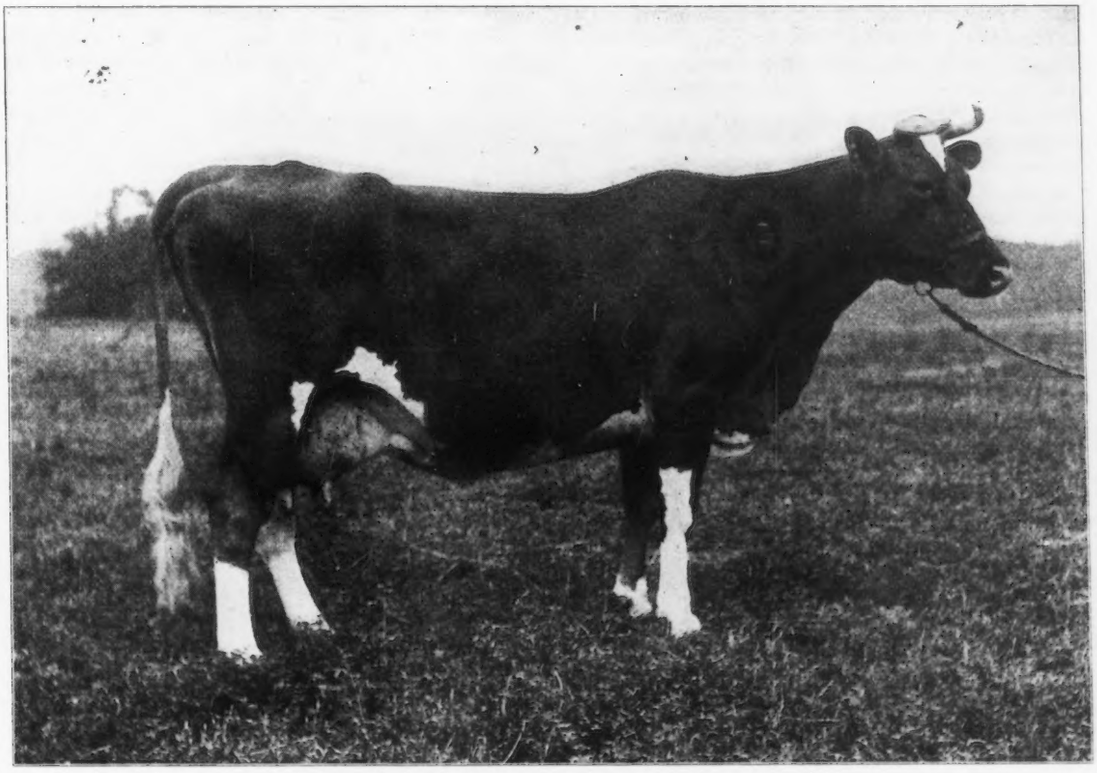
LANGWATER NANCY 27943 A. R. 1826 completes her fourth yearly record with 18783.5 pounds of milk and 1011.66 pounds of butter fat. This not only outranks any New York state record, but gives her third place among 6766 Guernsey records for which certificates have been written to date. She also ranks third among 1988 records in her own class A. There are at present but four Guernsey cows that have exceeded 1000 pounds of butter fat, two others are coming along to take a place in this list.

Langwater Nancy 27943 began her Advanced Register work when a heifer only two years and two months old. She made with this record 10913.9 pounds of milk and 630.60 pounds of butter fat, good evidence of what might be expected later. She was not entered again until five years old, when she exceeded her first record by over 2000 pounds of milk and 100 pounds of butter fat. With her third record begun when six and one-half years old, she exceeded her previous one by 3000 pounds of milk and 130 pounds of butter fat, making 16003.6 pounds of milk and 862.44 pounds of butter fat. While this record was the equivalent of over 1000 pounds of butter, it was by no means her capacity and when eight years old she was again reentered for her fourth year's work which was completed December 31, 1917, with 18783.5 pounds of milk and 1011.66 pounds of butter fat, a record that demonstrates her right to rank among the elect of the breed. During her year's work, seventeen different supervisors have conducted the nineteen tests made. Special representatives from four states, viz., Massachusetts, Vermont, Pennsylvania and Ohio, have made tests, and reported to the office regarding her work.

The result of her four yearly records shows a total production of 58644.7 pounds of milk and 3239.67 pounds of butter fat, or an average of over 14000 pounds of milk and 809 pounds of butter fat per year. She is still in her prime and looks as if she might raise her last record by another 150 pounds of fat if given the opportunity. Her highest milking for any one day was 74.4 pounds and in one month 2020 pounds with a yield of 101.44 pounds of butter fat.

During her last record she was kept in a box stall, milked four times daily for the first nine months and then three times daily. Her grain was fed in five equal portions always mixed with either beet pulp or ensilage. In addition she had hay three times a day. Her temperature was taken daily and general condition carefully watched. She was given regular exercise by being led out for a walk each day. She is a heavy

(Continued on Page 100)



LANGWATER NANCY 27943 A. R. 1826

Records:	10913.90 lbs. milk	630.60 lbs. butter fat, class G	
	12943.70 " "	734.97 " " " "	A
	16003.60 " "	862.44 " " " "	A
	18783.50 " "	1011.66 " " " "	

Sire—Dolly Dimple's May King of Langwater 12997 Dam—Early Rose of Raritan 11782 A. R. 72

Owned by I. C. Blandy, Greenwich, New York

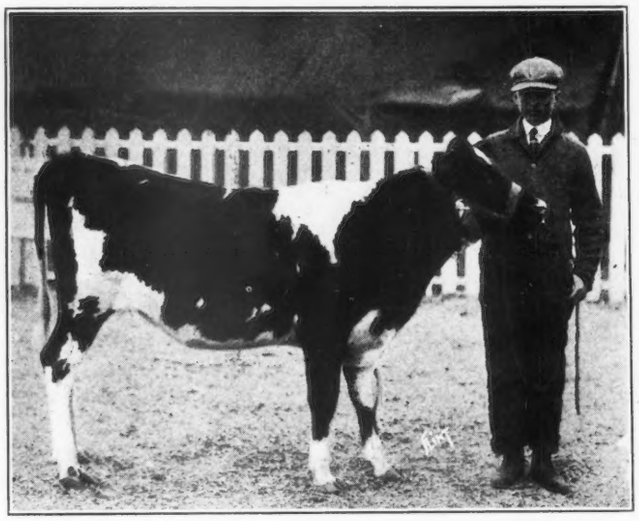
GUERNSEY ADVANCEMENT

Address by E. A. Onsrud Before the Michigan Guernsey Breeders' Association

FORTY-ONE years ago this month eleven men who had abundant faith in a new fawn and white breed of dairy cattle which were being imported in small numbers from the Island of Guernsey met at the Astor House, New York City, and completed an organization which they called THE AMERICAN GUERNSEY CATTLE CLUB. The first regular meeting of the CLUB was held in the following December, and at that time it was reported that sixty bulls and 133 cows had been entered in the Herd Book by forty different breeders.

The Ayrshire Breeders' Association was organized in 1863, the American Jersey Cattle Club in 1868, and the Holstein-Friesian Association in 1871, but THE AMERICAN GUERNSEY CATTLE CLUB is younger than these associations being fourteen years younger than the Ayshire Breeders' Association, nine years younger than the American Jersey Cattle Club, and six years younger than the Holstein-Friesian Association.

The forty-one years in which our organization has been in existence have been marked by financial panics, by at least two wars of momentous influence on the industries and agriculture of the United States, and by many other catastrophies, as well as by periods of seemingly too healthful prosperity. Throughout these various periods of calm and prosperity our fawn and white dairy cow has continued in her advance in popularity, not in irregular fluctuations, but steadily and with increasing momentum.



GUERNSEY CALF OWNED BY RAYMOND REINHART

This Waterloo, Iowa, Boy and his calf won 1st prize in the Leavitt & Johnson National Bank Calf Club

During the twelve months from January 1 to December 31, 1917 there have been registered 6279 bulls, and 9229 cows, a total of 15,508 animals, 3550 or 29.7 per cent. more than in the previous year. The increase in bulls registered is 35 per cent.; the increase in cows registered is 26 per cent. This does not mean that more bulls than heifers are being dropped, but it indicates that a greater number are raised and used for breeding purposes.

The number of bulls registered on January 1, 1918, was 46,120, the number of cows 75,710, a total of 121,830 animals. By way of comparison to enable us to see where we stand in the dairy world it may be of interest to note that the total number of registrations in the Herd Register of THE AMERICAN GUERNSEY CATTLE CLUB is 18.6 per cent. as great as that of the Holstein-Friesian Association 21.6 per cent. as great as that of the American Jersey Cattle Club, and 76 per cent. greater than that of the Ayrshire Breeders' Association. The Holstein-Friesian Association and the American Jersey Cattle Club are, as has been said, older organizations than THE AMERICAN GUERNSEY CATTLE CLUB; moreover, the country was already well stocked with foundation animals of the Holstein and Jersey breeds when the associations of these two excellent dairy breeds were organized.

The prosperity of any definite period is in a large measure indicated by the amount of money in circulation. Likewise the number of transfers of cattle within a certain time can with a fair degree of accuracy be taken as a barometer of prosperity within the breed. A total number of 15,055 Guernseys were transferred in 1917 as compared to 12789 in 1916, which is an increase of 2,266 or 17.7 per cent.

The total number of Guernseys imported in 1917 was 673 as compared with 805 in 1916, a decrease of 132. The reason for this decline is of course apparent to everyone here and needs no explanation.

Ninety new members joined the CLUB in 1917, as compared with seventy-five in 1916, an increase of fifteen, or 20 per cent. The total membership on January 1, 1918 was 645.

This has been an unusually difficult year for official testing. The shortage of labor on the farms, of supervisors to conduct tests, and the extraordinary prices of feeds have all combined to discourage many of the smaller breeders from beginning official testing. In spite of these abnormal conditions 1119 Advanced Register records were completed in 1917 as compared to 998 in 1916, an increase of 121, or 12 per cent.

The total number of records completed up to January 1, 1918 was 6630. On that same date 1306 cows owned by 326 breeders were under test. Between April 1 and December 31, 1917, 107 bulls were admitted to the Advanced Register. The total number of Advanced Register bulls on January 10, 1918 was 1009.

At this time it may be of interest to note that in the State of Michigan 197 Advanced Register records have been completed and thirty-five cows were under test on January 1. During the last year forty-five Michigan cows qualified for the Advanced Register. Wisconsin leads in Advanced Register work with 1478 completed records, New York is second with 970 records, Massachusetts third with 691 records, and Michigan ranks eleventh.

Murne Cowan 19597 still leads all Guernseys in both milk and butter fat production, but this is no indication that the year has had no phenomenal records. This great cow herself caused no little surprise when she demonstrated her ability to come back with a third record of 17383.5 pounds of milk and 791.76 pounds of butter fat.

The list of Class Leaders on January 1, 1918, contained the names of twelve cows that were not included in the list on January 1, 1917. Of special note is the record of Belladia 31909 owned by W. H. Dupee of Santee, California. She produced 19631.9 pounds of milk and 934.05 pounds of butter fat in class A. Imp. Donnington Goldie 5th 59866, also owned by

Mr. Dupee, was placed first in the class of junior Advanced Register cows and first in the class of cows four years and under five at the National Dairy Show, and finished the year by taking third place in the Class E Leaders with a record of 17861.7 pounds of milk and 796.52 pounds of butter fat. Since the class of double letter leaders was established in July 1917, ten cows have been added to this list.

Probably no factor is doing as much to aid Advanced Register work as cow testing associations. Although the 212,000 cows in testing associations is less than one per cent. of all the dairy cows in the United States, yet the 12000 members of these associations are learning the true significance of a creditable yearly record. Farmers who had no idea whether their cows were producing 100 or 1000 pounds of butter a year are now in search of pure bred bulls whose dams and sire's dam have produced not less than 500 pounds of fat. There can be little doubt that the cow testing association deserves a large portion of the credit for making the increase in the number of registrations of bulls greater than in the increase in the number of registrations of females.

In this connection it may not be out of place to recognize the fact that your state took the pioneer step in cow testing association work. At least one of your Guernsey breeders, Henry Rozema, was a member of this first association, and I believe that this association is still in operation, and Mr. Rozema is to-day an active member.

During the last year the CATTLE CLUB has attempted, through correspondence, to obtain a census report on Guernseys in the United States. Letters numbering 7305 were sent to all persons who, so far as the office was able to know, had either grade or pure bred Guernseys. Replies numbering 5755 or 78.6 per cent. of the requests were received. A tabulation of the replies showed that there were reported as living pure bred Guernseys of all ages 9960 bulls and 38643 females, a total of 48603 pure breds, which is an increase of 183 per cent. over that reported six years ago. The number of female grade Guernseys reported is 54,641. Michigan reports 376 pure bred bulls, 1411 pure bred females, a total of 1787 pure bred Guernseys which is 4 per cent. of all pure bred Guernseys in the United States. Your grade and pure bred Guernseys collectively are 0.4 of one per cent. of all the dairy cows in your state.

The number of subscribers to the GUERNSEY BREEDERS' JOURNAL on January 1, 1918, was 4051 an increase of almost 1000 subscribers since January 1, 1917. Michigan has 165 subscribers, which is an increase of 51 per cent. in one year.

This is the first time that I have had the opportunity to meet members of this association and I regret that I am not so well acquainted with the work you are doing as I wish I were. The fact that you are gathered here to-day is ample proof to me that there is at least some among you who are working. Let us consider just for a momemt if there is some work that can be emphasized, or probably instituted, that will make this organization still more effective in promoting the Guernsey breed in the state of Michigan. You probably recall that I told you a short time ago that Michigan has only 4 per cent. of the pure bred Guernseys in the United States and 0.4 of one per cent. of all dairy cattle in the state.

Michigan has 13,000,000 acres of improved land area as compared to twelve acres in Wisconsin, yet Michigan has only 15 per cent. as many pure bred Guernseys as Wisconsin has. It is very evident that there is room for a big expansion of the breed here in your own state, and it rests very largely upon you members of the Michigan Guernsey Breeders' Association to take the forward step to get your pure bred bulls and some of your pure bred cows on farms where scrub and grade cattle are now kept. There is a big demand for breeding stock. During the year 1917 we received 5600 requests for information about Guernseys, and we know that at least eighty-three of these were from readers of the Michigan Farmer. I understand that nearly all the circulation of this paper is within the state, therefore, I feel safe in saying that at least eighty-three Michigan farmers wanted to buy Guernseys in 1917

I have a letter from R. R. Welch, Grove City, Pennsylvania, which reads as follows:

"Mr. E. T. Crawford, Smicksburg, Pennsylvania, has written me that he is getting the farmers in his section interested in the purchase of registered Guernseys. Said that he had ten men already lined up to start in pure bred Guernseys and that he thought he would enlarge the list from twenty to twenty-five. He enquired about where he might purchase registered Guernseys.

"I think it would be a good idea for you to write to Mr. Crawford and give him some assistance or encouragement."

Just a day or so before I left Peterboro I received a letter from J. C. Winkjer of the Federal Dairy Division which reads as follows:

"I have a letter from Mr. Bruce Anderson, County Agent, Winston-Salem, North Carolina, in which he says that he has been unable to obtain a bull for a new block that they have recently formed. Some time ago, I sent him information that we have in this office regarding bulls for sale, but he has been unable to obtain any from our list. I am writing you this in the hope that you may be able to put him in touch with a place where he can purchase what he wants. In order that you may be able to send him information that will be most useful, I give you the following pedigree of one of the bulls which may be a representative of the breeding of bulls that he has.

(PEDIGREE)

"I am sure that it would help them and the breed if you could assist in locating the right bull."

Mr. J. P. LaMaster, Starkville, Mississippi, writes as follows:

"If you have any definite information as to where good grade Guernseys can be had in car load lots at present at prices say from $75 to $110 please let me know as I believe they could be placed in the Laurel territory. We are in touch with Mr. Hatch of the University of Wisconsin relative to this matter at present, but as yet have not received prices and description of cattle we might expect."

Members of the Michigan Guernsey Breeders' Association, it may be that some one of you, or a group of you have exactly the stock that these men are looking for, but if you have you have not let them know about it, neither have you, so far as I have been able to determine, let the CATTLE CLUB know it. On the other hand the CATTLE CLUB has received probably hundreds of requests from prospective purchasers in Michigan and we have not let you know about it.

Let us pause for a moment to see how a manufacturing firm reaches the people and creates a market for their product. Let us suppose that Mr. Smith, who lives near Lansing, is interested in cream separators. He writes to the De Laval Cream Separator Company, Chicago, Illinois, and asks for their literature. The separator company not only sends Mr. Smith a letter and their literature, but they write to Mr. Brown, their representative in Lansing, and tell him that Mr. Smith has asked about separators. A few days later Mr. Brown arrives at the home of Mr. Smith with a brand new separator, he sets it up, demonstrates the use of it, and Mr. Smith buys.

We must instigate the same scheme in the Guernsey business, if we are to take advantage of the opportunities to grow that are given us. You are all in one sense agents of THE AMERICAN GUERNSEY CATTLE CLUB, but you have organized into an association and elected a secretary to transact busi-

ness for you. When a man from Michigan writes to Peterboro and says that he wants to know more about Guernseys, we want to tell him all that we can, but we also want to feel that we have a right to inform your secretary of the fact, and your secretary should take upon himself the responsibility of getting some one member of the association in touch with him. You members should keep your secretary informed regarding the size of your herds, and especially regarding stock for sale, and your secretary should keep the CATTLE CLUB informed regarding all the herds in the association..

When we receive a request like the one from our Pennsylvania friend we would know exactly where to refer him. All this means work to you and some expense too, but if manufacturers find this system to be profitable there is no reason why THE AMERICAN GUERNSEY CATTLE CLUB should find it less profitable.

Let me urge upon you the importance of using Guernsey literature for doing pioneer work. I will read you a letter which is only an example of others which are received almost daily. Mr. F. S. McRonald of Maine says:

"I want to thank you for the very beautiful and interesting literature sent me relative to Guernsey stock.

"I have recently located on a farm and thought that my preference would be the Jersey stock, but from information which I have received I now believe that the Guernsey will fill the bill for me the better upon lines which I have laid out."

Mr. R. D. Canan of the Idaho College of Agriculture says:

"The Registration Blanks and other literature which you forwarded have been received by this Department, and I assure you that we are very thankful to you for the same. The material is just what I had hoped you would send, and will help us materially in teaching our course in pure bred herds."

If you all are not supplied with literature that you can give to promising prospects please write to THE AMERICAN GUERNSEY CATTLE CLUB and they will be glad to keep you supplied with as much as you can profitably use.

Another matter that is of extreme importance is to see to it that your Experiment Station has creditable individuals in their Guernsey herd. You are to be congratulated for having at your Experiment Station the splendid two year old heifer, Hopeful Lady 48834 that has recently completed a year's test in which she produced 562.2 pounds of butter fat. Her production was more than fifty pounds greater than the average for mature cows of the breed.

Mr. J. F. Mowlley of your own state writes us as follows:

"I never thought much about Guernseys before, but recently while attending a meeting of milk producers at Lansing my attention was called to a member of a herd owned at the Agricultural College farm.

"The animal I have reference to was a bull I would judge to be three years old. He was an outstanding individual and showed such marked dairy type that I made up my mind maybe there were other cattle in the world besides Holsteins."

The demand for Guernseys is growing. The New England States are clamoring for more of them, the South is calling loudly and the West is making its share of the noise.

Shall we sit down by the kitchen stove and keep our feet warm while our opportunity calls, or shall we get together and investigate these noises? I met a man last fall who said he slaughtered his bull calves because there was no market for them. When asked if he advertised, or ever wrote to the CATTLE CLUB about it he said that it did not pay to advertise, and he had not written to the CLUB. The CATTLE CLUB does not make any sales for you, but it should be an information bureau on Guernsey business. We want to be bombarded with lists of your surplus stock, and with reports of your success.

Let us pass the good word along, encourage those who are just beginning, and inform the world that THE AMERICAN GUERNSEY CATTLE CLUB is a real live growing organization.

"Men of two kinds must be reckoned with in these critical days. One kind is a burden and a drag on our institutions. They must be carried as a dead weight, as impediments in America's onward course. Thank God, the other kind is far more numerous. They are the men who lift and carry their country's burdens. They exalt in their strength. They take up, with glad hearts, their share of the load, and push out in front, 'rejoicing as a strong man to run a race'."

Our Fourth 1000-Pound Cow

(Continued from Page 97)

feeder and capable of turning large quantities of feed into milk and butter fat. Few cows in the breed can excel her in this particular, which is the foundation for making large records.

Langwater Nancy 27943 was bred at Langwater Farm, North Easton, Massachusetts, at which place her first record was made. Mr. I. C. Blandy of Greenwich, New York, purchased her one week before the completion of her year's work. Mr. Blandy considered her the most promising cow he had seen and his good judgment has been amply proved by her later work in his herd.

Her sire is Dolly Dimple's May King of Langwater 12997 A. R. with twenty-five registered daughters, seven of these being in the Advanced Register. He also has twenty sons, nine of these being in the Advanced Register. Their names are well known to those who study pedigrees. Langwater Nancy's grandsire, Imp. King of the May 9001 A. R., has twenty-four daughters with twenty-nine records that average 591.55 pounds of butter fat. The name of her granddam, Dolly Dimple 19144 A. R. 628, is known to every Guernsey breeder and her record of 18458.8 pounds of milk and 906.89 pounds of butter fat is still the highest in class D.

Langwater Nancy 27943 has not only proved herself a great cow by her milk production for four years but through her progeny she bids fair to gain still more fame. Her first calf, Langwater Peerless 19227 A. R., a son of Imp. Yeoman 8618, has two daughters in class G. with an average of over 420 pounds of butter fat.

Langwater Nancy's daughter, Follyland Nancy 52457 made her first record in class G at practically the same age as her mother and exceeded her mother's record by 82 pounds of butter fat. Her record was 12270.9 pounds of milk and 712.60 pounds of butter fat, third in class G. This daughter gives promise of excelling the remarkable record of her dam.

Langwater Nancy's last calf is Follyland Royal Jewel 44811, born December 27, 1916, sired by Imp. Hayes Royal 3d 22237 A. R. He is a youngster that combines individuality with breeding.

The ability to make not only one large record, but four and at the same time have progeny that give promise of even greater work, is an honor to be coveted. It further shows the possibilities of development in production and real constructive breeding.

A NEW ROLL OF HONOR COW

Cora of Gerar 48309 Goes Third in EE

By E. A. BISHOP

CORA OF GREAR 48309 A. R. 4706 wins third place in the Roll of Honor, class EE. Some animals, as well as men, seem to be so constituted that they win fame in spite of many obstacles that would have put others out of the running. Cora of Gerar 48309 must have been born under a lucky star if we can judge of her achievements during the past year. She has come prominently before the public not only in the record that appears with this account, but also as a winner in the show ring. The fact that she was born on Independence Day, July 4, 1913, may account for this. Undoubtedly of much greater importance is the line of illustrous ancestors that appear in her pedigree.

Cora of Gerar 48309 was sired by Rutila's May King of Linda Vista 17945 A. R., a son of Langwater May King 13001 A. R. and Rutila's May Rose 24946. This makes her a double great granddaughter of Imp. May Rose King 8336 A. R. Rutila's May Rose 24946, the granddam of Cora of Gerar 48309, has two Advanced Register records, one in class G of 566.40 pounds of butter fat and another in class E of 655.93 pounds of butter fat. She died with her third calf, otherwise even larger records might have been expected. The sire of Cora of Gerar 48309 is a three-quarters brother of May King of Linda Vista 17946 A. R. The dam of Cora of Gerar 48309 was Cora Calvert 21000 which has two other Advanced Register daughters to her credit, and is the granddam of Queen Celia 42968 A. R. 3833, with a record in class G of 544.92 pounds of butter fat, and is now under re-entry in Class B, having made 586.39 pounds of butter fat in 275 days. Cora of Gerar 48309 traces through her granddam on her dam's side to Sheet Anchor 2d 4149 A. R.

CORA OF GERAR 48309 A. R. 4706
Record: 11759.1 lbs. of Milk; 570.07 lbs. of Butter Fat. Class G.
Sire—Rutila's May King of Linda Vista 17945 Dam—Cora Calvert 21000
Owned by D. D. Tenney, Crystal Bay, Minnesota.

The first record of Cora of Gerar 48309 made in class G gives her a credit of 11759.1 pounds of milk and 570.09 pounds of butter fat, while carrying her calf for seven and one-half months. In this first record she clearly demonstrated her ability as a producer.

After freshening in November she was moved just before Christmas from the mild climate of Maryland to Minnesota, the trip being made unfortunately at a time of extremely low temperature from Pittsburg west, and when the express companies were rushed with Christmas business which lengthened her trip forty-eight hours. The heating system in the car broke down and later the steam was turned off while her caretaker was absent for breakfast, and on his return found the car full of live steam, the cows all down and panting badly. Remodelling the barn at her new home in Minnesota exposed her during the winter to changes in temperature and in summer to heat and the attack of flies. In August she was shipped to the Minnesota State Fair, where she won fifth prize as aged cow. From there she was shipped back to the farm and then to the Waterloo Dairy Cattle Congress, Waterloo, Iowa, where she was placed second in the four year class. In addition she stood fourth in the slass for junior Advanced Register cows. Fron Waterloo she was shipped to the National Dairy Show at Columbus, Ohio, where she stood fourth in the four year old class.

Following all this travel and showing, she was shipped back to her home in Minnesota only to find her former quarters had recently been burned and she was forced to complete her year's work standing in the stanchions in a temporary shed with the rest of the herd. In fact, much of her time has been in stanchions and without the comforts of a box stall, to which she was really entitled

Considering the many trying experiences through which she passed during the time she was making her record and the fact that she carried her calf through all, clearly demonstrates her efficiency as a worker and establishes her right to rank as one of the great cows of her age among Guernseys.

After going dry the last eleven days of her year's work, she dropped a heifer calf on December 21, 1917, sired by Ladysmith's Cherub 30760.

The value of the cow that can demonstrate her capacity as a producer of two calves and over 22,000 pounds of milk and 1100 pounds of butter fat in two years and three months, certainly proves her right to be placed among the best of her breed, and shows her ability as an income maker for her owner.

A detailed statement of her yield by months together with the rations used is given below:

OWNER'S STATEMENT OF FEED

Dec.—8 to 10 lbs. grain daily to the 18th of the following mixture: 300 lbs. bran, 200 lbs. corn meal, 100 lbs. each

ground oats, Brownie Flakes, gluten, cottonseed meal, and oil meal, 80 lbs. Larro-Feed, 75 lbs. Yeast Grains; 12 lbs. roots, 28 lbs. ensilage, 15 lbs. hay, then 125 lbs. grain: 34 lbs. bran, 19.5 lbs. cottonseed meal, 14.5 lbs. oil meal; 110 lbs. roots, 194 lbs. ensilage, 165 lbs. alfalfa.

Jan.—455 lbs. grain: 108.5 lbs. bran, 46.5 lbs. corn meal, 75.5 lbs. ground oats, 108 lbs. Brewers' Grains, 60 lbs. gluten, 56.5 lbs. oil meal; 620 lbs. ensilage, 465 lbs. alfalfa.

Feb.—462 lbs. grain: 112 lbs. bran, 42 lbs. corn meal, 98 lbs. each ground oats and Brewers' Grains, 56 lbs. each gluten and oil meal; 700 lbs. ensilage, 420 lbs. alfalfa.

Mar.—621.5 lbs. grain: 128 lbs. bran, 57.5 lbs. corn meal, 108.5 lbs. ground oats, 110.5 lbs. Brewers' Grains, 64 lbs. gluten, 69 lbs. alfalfa meal, 84 lbs. oil meal; 775 lbs. ensilage, 372 lbs. alfalfa.

Apr.—512.94 lbs. grain: 128.2 lbs. bran, 64.68 lbs. corn meal, 105.04 lbs. ground oats, 90.4 lbs. Brewers' Grains, 35 ibs. gluten, 16.5 lbs. alfalfa meal, 73.12 lbs. oil meal; 750 lbs. ensilage, 360 lbs. alfalfa.

May—480.5 lbs. grain: 155 lbs. bran, 46.5 lbs. corn meal, 62 lbs. each ground oats, gluten and oil meal, 93 lbs. Brewers' Grains; 310 lbs. hay.

June—420 lbs. grain: 150 lbs. bran, 45 lbs. each corn meal and oil meal, 120 lbs. ground oats, 30 lbs. each Brewers' Grains and gluten; alfalfa pasture.

July—573.5 lbs. grain: 155 lbs. bran, 93 lbs. each corn meal and Brewers' Grains, 124 lbs. ground oats, 62 lbs. gluten, 46.5 lbs. oil meal; 46.5 lbs. millet, 310 lbs. alfalfa.

Aug.—Same grain ration as July; 30 lbs. sugar cane, 50 lbs. sweet corn, 46.5 lbs. millet, 310 lbs. alfalfa.

Sept.—480 lbs. grain: 135 lbs. bran, 60 lbs. each hominy and oil meal, 90 lbs. each ground oats and Brewers' Grains, 45 lbs. gluten; 750 lbs. ensilage, 300 lbs. alfalfa.

Oct.—434 lbs. grain: 124 lbs. bran, 62 lbs. each corn meal and oil meal, 93 lbs. each ground oats and gluten; 372 lbs. each roots and hay.

Nov.—270 lbs. grain: 54 lbs. each bran and corn meal, 81 lbs. ground oats, 27 lbs. each shorts, gluten and oil meal; 810 lbs. roots, 324 lbs. alfalfa.

Dec.—No record given.

OFFICIAL YEAR'S RECORD, CLASS EE

		Lbs. Milk	% B. F.	Lbs. B. F.
Dec. 9,	1916	982.3	5.03	49.41
Jan.,	1917	1399.0	3.88	54.28
Feb.,	"	1155.0	4.15	47.93
Mar.,	"	1234.8	4.47	55.20
Apr.,	"	968.6	4.89	47.36
May,	"	1044.5	4.96	51.81
June,	"	938.1	4.87	45.69
July,	"	912.0	4.92	44.87
Aug.,	"	867.9	5.12	44.44
Sept.,	"	759.9	5.60	42.55
Oct.,	"	636.8	5.54	35.28
Nov.,	(3 days dry.)	228.9	4.95	11.33
Total		11127.8	4.76 Av.	530.15

HOW TO VITALIZE AGRICULTURAL TEACHING

By PROF. P. G. HOLDEN

HOW can we vitalize the teaching of agriculture in the rural schools? No more important problem is presented to American educators to-day. It can be solved in but one way: *Rotate* the *subjects*. This will prevent skimming, and repetition; it will sustain interest—keep the subject alive.

The teaching of agriculture in rural schools never will be a success as long as we teach the same thing over and over, year after year, or allow the teacher to skim all the branches, and leave a subject barren and uninteresting for the teacher who follows the next year.

In one-room schools all children in the lower grades become as familiar with subjects taught in the seventh and eighth grades as do their older brothers and sisters. By rotating the subjects a new field is opened to the pupils each year.

Rotation of subjects means the teaching of but one class of subjects each year, such as:

1st year. Farm Crops—Corn, alfalfa, weeds, seeds, gardens, and for girls, sewing, etc.

Second year. The Making of Things—Tying and splicing rope, cement work, making fly traps, screens, canning, etc.

Third year. Animals—Live stock, feeding, testing milk, diseases and remedies, cooking, etc.

Fourth year. Soil and Home—Saving moisture, rotation of crops, soil fertility, sanitation, flowers, pictures, etc.

Rotating of subjects:

(1) Enables us to teach more agriculture.

(2) Eliminates repetition.

(3) Gives us a new subject each year.

(4) Keeps interest alive and keen.

(5) Does not kill the subject by skimming or teaching the same thing over and over again.

(6) Makes the directing of the work much easier for the county superintendent who always has more than he can do. Instead of having several lines of instruction to prepare each year, he will have but one.

Agriculture will ultimately be taught in all rural schools. In Oklahoma, it is required by the state constitution, in other states by law. Some states have tried it, but in a hit-and-miss fashion. They have skimmed through books; taught words, not things; repeated the same subjects every year; killed interest; made agriculture a dead letter.

Agriculture cannot be successfully introduced in all the rural schools in any state or any county at the same time. It must grow into the schools. That is the basis of the plan adopted in Oklahoma.

They selected twelve county superintendents who are live wires. These superintendents held a three day meeting, studied how to teach a few definite things and collected the necessary demonstration material.

Each of these superintendents selected from four to a dozen of his best teachers in whose schools agriculture is being taught this year. These teachers were given special instruction at the teachers' institutes.

When the school year opened, the county superintendent and his assistants visited one of these schools and assisted the teacher in starting the work right. Then a second school was visited, and a third, and so on. There are only a few teachers to look after this year. The work of the superintendent is simplified, concentrated, made more effective.

Next year other counties and other schools will be added. Agriculture will *grow* into the schools. In four or five years it will be taught in every rural school in the state— and taught in the right way.

We cannot vitalize agriculture in the rural schools except by rotating the subjects.

And the word "agriculture" is used here to mean anything pertaining to the life and welfare of the children and the people of the community—health, sanitation, social conditions, home conveniences, community interest, as well as the things having to do directly with farming.

VERMONT DAIRYMEN'S CONVENTION

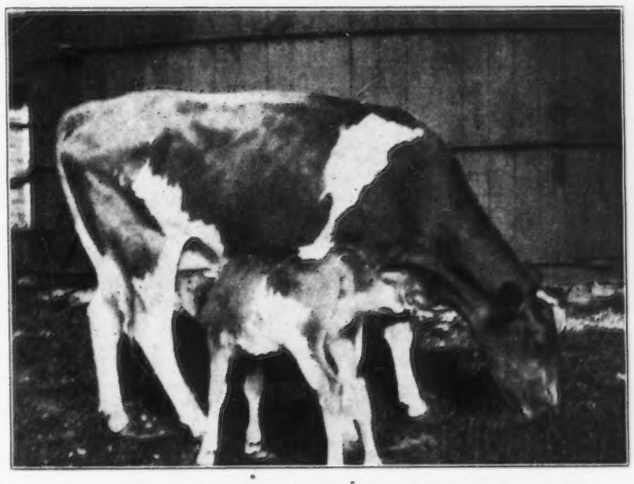
By E. A. BISHOP

THE forty-eighth annual convention of Vermont dairymen was held in Burlington, January 15 to 18 in the Woodbury Armory. The opening session scheduled for Tuesday afternoon had to be postponed on account of the heaviest snow storm of the season, which delayed trains making it impossible for people to reach the city. It takes more than a snow storm, however, to daunt these Green Mountain farmers, when it comes to attending their association meetings.

With a membership of 700 men and a fine body of enthusiastic women in the Auxiliary a good attendance is assured despite anything Old Sol can bring in the shape of weather.

For many years Vermont has been noted for its excellence in dairying until the word Vermont is considered in our markets as the "hallmark" for quality. Vermont butter, turkeys, and maple syrup may not all have been produced in that state; but to the consumer the word stands for the highest grade in the market. It shows what organization can do to establish standards and make a state notable for its products.

This effective team work is bound to show results. Vermont claims the honor of first introducing cow testing associations and according to population she still leads among the states. She has a right to feel proud of starting a movement that has meant untold gain to dairymen throughout the entire country. These cow testing associations were soon followed by cooperative creameries, which have now become quite common in the states.



THREERBROOK'S MAUD 63264 AND HER CALF DROPPED AUGUST 12, 1917

Sire—Imp. Bijou des Sages 15382 Dam—Maud of Hoosick 24418

Owned by W. H. Dixon, Williamstown, Massachusetts

This cow is a twin with the bull, Maud's Bijou of Threebrooks 37408, but contrary to the general belief is a breeder as the above picture indicates.

The benefits to the producer as shown in his product, herd, and income has been even greater than he anticipated. The grading of market milk for cleanliness, to be determined by bacterial tests shows that very little Vermont milk is found in C, but mostly classed as A and B.

A lively interest in the health of cattle producing so important a food product was early recognized and in 1894 a bulletin on this disease was published by the Experiment Station showing results obtained in the station herd. In November of that year the Legislature passed an act authorizing the Board of Agriculture to deal with tuberculosis and to pay indemnity for animals slaughtered.

The total number of animals tested is 339,463 of which 7.2 per cent. have been killed as tubercular at a net cost to the state of $763.420.79. This total number of cattle tested is but 2 per cent. less than the total number of milch cows and neat stock in the state last April. A strong movement is on foot to adopt the accredited herds plan, which has been in use in Minnesota for four years and a shorter time in Wisconsin. Cooperation of the state authorities with the Federal Bureau has for its object making Vermont famous for the health of all herds within her borders.

It is expected that this year's work will show at least 100 eligible herds. In these war times while the price of all milk products is steadily mounting higher, they have not kept pace with the cost of production. The consumer is of necessity using less and causing an over production.

Other outlets must be sought to meet this condition and utilize the most perfect food product known, if as we believe "Food will win the War," a slogan that is being used quite generally. During the past year, the Vermont Milk Chocolate Company has been located at Burlington and will utilize some of the milk supply. The up-to-date dairymen must not stop with producing milk; but should develop markets for his product, right in his local community if possible.

The consideration of such projects is as pertinent in a Dairymen's Meeting as how to breed and feed the cows for best results. Business houses have made these conventions a proper time to exhibit their machines and appliances. It is hoped this exhibition feature will not detract as it seems to be doing in some cases from attendance upon the regular meetings provided for on the programs. The Vermont people devote one meeting each year to one of the dairy breed organizations—each taking its turn. This year it was the Ayrshires, who had the right of way.

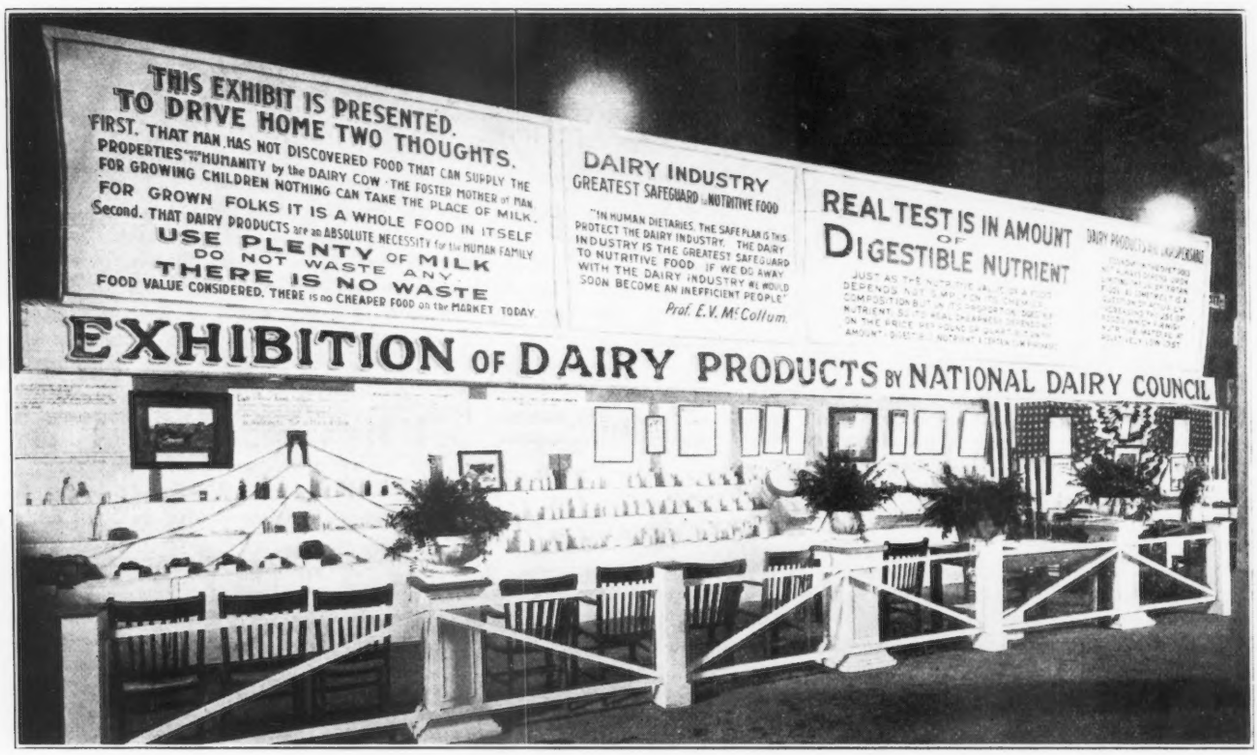
No report of the Convention would be complete that did not refer to the banquet that comes on the last night and is the most popular and best attended of any gathering. Some 350 people sat down to the tables filling the dining room to its capacity. With the war uppermost in the minds of every one the after-dinner speeches were of a very serious nature and listened to with rapt attention.

With one of their congressmen as toastmaster, and his colleague, who had just returned from a trip of investigation in France as the second speaker, every word was listened to eagerly. Mr. Hoover sent one of his assistants from Washington to tell of the work and policies of his administration. The need of food conservation and the reasons for using certain kinds of grain that wheat may be sent our allies was made very plain, likewise the importance of avoiding waste and having "a clean plate."

The penalties that had been meted out to merchants who had been found guilty of profiteering and individuals who were hoarding were cited.

It was a strong speech and few realized it was midnight, when he finished and every one stayed to hear the last speaker, President Thomas of Middlebury College.

Such gatherings cannot fail to impress dairymen with the importance of their business and the great part they must take in helping to win the war.



PATRIOTIC FOOD SHOW

National Dairy Council's Exhibit Commands Attention

THERE has just been held in Chicago a great Patriotic Food Show which according to the gospel of Herbert Hoover, visualized the patriot's pantry. All exhibits were censored to conform with the rules and regulations laid down by the food administrator. The whole Show was demonstration work coupled with Army and Navy routine, what the Food Administration Department and the U. S. Department of Agriculture and the Bureau of Fisheries are doing to take care of the present food stress.

The exhibit was divided into five units: Proteins, Fats, Sugars, Starches and Fruits and Vegetables; each of these units under the care of women of the home economics division of the universities of the State of Illinois. The exhibit was given under the auspices of the Illinois State Council of Defense with the cooperation of the Food Administrator, and it carried home by practical demonstration just exactly what Uncle Sam is asking us to do in the way of food consumption, and in spite of the fact that the show went through the worst weather of the winter, there were some 60,000 eager, interested people in attendance, desirous of knowing just what they could do to serve their country. There was a lecture room in which talks on war food and patriotism were made at two daily sessions.

In the basement of the Coliseum where this show was held there was an exact copy of a cantonment kitchen and dining hall and the same food was served twice daily for a nominal price as the boys in the different cantonments were getting on the same day. This was a part of the army exhibit of how the soldiers are clothed, fed and housed; the balance of their exhibit being on the ground floor with the demonstration booths.

The above cut is taken from a photograph of the exhibit booth of the National Dairy Council in this Show.

Ultra King of Edgemoor 42532 Heads Two Waukesha County Herds

(See Picture on Title Page)

ULTRA KING of Edgemoor 42532 was purchased by Wm. M. Jones & Son, Waukesha, Wisconsin, and George McKerrow & Sons Co., Pewaukee, Wisconsin, jointly for $2000.

Ultra King of Edgemoor 42532 was selected to head these two noted Waukesha county herds because he is a rare combination of pedigree and individuality. He was third prize senior bull calf at the recent National Dairy Show. His sire, Imp. Itchen May King 25174 was second prize aged bull at the same show and will be remembered as the intensely bred May Rose bull purchased by Mr. Dupee for $4500.

The dam of Ultra King of Edgemoor 42532 is the cow, Ultra Deanie 38915 with an Advanced Register record of 614 pounds of butter fat in class B. Her sire is Ne Plus Ultra 15265 A. R. whose first ten two year old daughters average 516 pounds of butter fat. The dam of Ultra Deanie 38915 is Imp. Deanie XV. 18917 one of the highest record daughters of Governor of the Chene 1297 P. S.

This calf traces five times to the cow, May Rose 2d 3251 P. S. and twice to Imp. Itchen Daisy 3d 15630. He will have great opportunities in his new home.

GAVIN McKERROW TALKS ON FEEDING

THE regular annual meeting of the Indiana Guernsey Breeders' Association was held at Purdue University, Lafayette, Indiana, on January 17. This meeting was held in connection with the annual meeting of the State Dairy Association and the Purdue Farmers Short Course. The attendance was not so large as usual due to the heavy fall of snow and the blocaded condition of the traffic. However this had in no way chilled the enthusiasm of those present nor weakened their interest in the Guernsey cow. Those present were very fortunate in listening to Mr. Gavin McKerrow of Pewaukee, Wisconsin. Mr. McKerrow talked on the subject "The Relation of Advanced Register Testing to Herd Development" as follows:

"A year ago it was my privilege to listen to a talk by one of our really noted Guernsey breeders in which he put forth some truly interesting thoughts and suggestions on Advanced Register testing. And I quote this statement, 'Blindfold me and put me into a herd of Guernsey cows and most any cow that I happen to pick is capable of making the Advanced Register requirement under right conditions.' Now that is a wonderful tribute to the Guernsey breed. It shows us that we can afford to spend time and effort in developing and establishing type or beauty of form.

"But take it for granted that Guernsey cows are inherently good producers, we as breeders want something accurate and authentic on the actual producing power of our individual foundation stock. For this reason it is becoming more and more essential that we give our cows official yearly records. It is rather too common a practice to judge a pedigree by one large record. We want our cows to produce milk and butter fat at a profit.

Taking His Daily Exercise

TRIPLE MASHER OF HARBOR HILL 39249

Sire—Imy. Masher's Galore 8572 Dam—Golden Masher's Lady 28012

Junior Herd Sire at High Point Springs Farm, Olivebridge, New York

"The ambition to have a family of cows which will have an individual yearly production of 500 pounds of butter fat each is a much better and more consistent aim, than the production of a single world's record cow. Selection along family lines with due attention being paid to individual conformation will ultimately reach the goal.

"It is the work of patience. In our herd, we have in six years built a foundation and started on the first story. I would take pleasure in telling you some of our results, but I have been so intimately associated with a man who has done so much more along this line that I am inclined to tell you something of his results. I am speaking of Wm M. Jones of Waukesha, Wisconsin, one of the greatest Guernsey breeders of the world to-day. Mr. Jones was and still is a practical farmer. He started with a small foundation, a definite purpose and the ability and patience to realize his ideals.

"You can go into Mr. Jones' barn to-day and find thirty cows that have yearly records which average 590 pounds of fat and nearly every one of them related. Take for instance the family of old Tristan's Dora 13310. She was one of the foundation cows and made a record of 435 pounds of butter fat. She has two daughters with records of 756 pounds and 717 pounds of fat each and one of these daughters has a two year old daughter with a record of 601 pounds of fat. Then there is the record of Lord Waukesha 10148 the old herd bull. He has about fifteen daughters in the herd and their records average 600 pounds of fat each.

"His half sister, Yeksa's Tops of Gold's Fanny 22362 is also in the herd and has a record of 981 pounds of fat. This cow is the highest producer of a high producing family. When one views the rest of the family and their relatively high production he will more deeply appreciate the work of this cow. The constant consistent use of the Advanced Register together with the family selection was absolutely necessary to the development of this herd.

"The development of the individual cows in this herd have in this case been almost as marked as the development of the herd. Take for instance, Yeksa's Tops of Gold's Fanny 22362. Her first record was 571 pounds of butter fat. In her next record she produced 803 pounds of fat and her last record is 981 pounds of fat.

"It is obvious that we want official records but what kind of a record shall we strive for and how shall we make it. Let us make the kind of a record that will leave the cow in better condition at the end of the year than at the beginning. I know many good cows that have been ruined by the making of high records. Many other cows were allowed to run long periods between calving. It is a significant thing that of the ten highest record Guernsey cows, nine of them are owned by men who do not depend on the farm or the Guernsey cow for their livelihood. Mr. Jones' cow Yeksa's Tops of Gold's Fanny 23262 is the only exception. A study of the table showing the feeding of the ten cows shows that the feeding of this cow is much simpler than any of the others. In fact in the whole list of seventy class leaders only nine or ten are owned by men who actually depend on farming.

"It is better to be content with smaller records and keep in mind the future of the cow. The 'Roll of Honor' class which provides for a calf with every record is one into which we may well aspire to enter our cows.

"Every one of the ten highest record cows of the breed were fed ground oats, wheat bran and oil meal. From my observation I feel confident that every cow should have these feeds and no other during the first two weeks after freshening.

"I like the classification of grain feeds made by Valancey E. Fuller. 1, Grains which are bulky and cooling such as bran, ground oats, brewers' and distillers' grains. 2, Grains which are heavy and heating such as corn meal, pea meal, gluten, hominy, barley and cotton seed meal. 3, Grains which are heavy but cooling, such as linseed meal. I believe that when one is feeding cows for their highest production, he must be very careful to keep a large part of their ration of a bulky and cooling nature. Beets and beet pulp are unexcelled for adding this feature to a ration."

Following Mr. McKerrow's talk there was a general discussion of the feeding problems in which everyone participated. This was followed by an election of officers for the Association to serve during the coming year, as follows:

President, E. L. Jones, Warren.

Vice President, W. O. Mills, Lafayette.

Secretary-Tresaurer, C. O. Tuttle, Frankfort.

Executive Committee, O. H. Mills, Mooresville; A. E. Adams, Plymouth; John Heitman, Holland; L. A. Wood, Muncie.

Advanced Register Records Completed and Approved From January 15 to January 31, 1917

These records are all made on the two day test basis except where especially noted

Una's Surprise of Mapleside 50856, A. R. 5808, owned by George McKerrow & Sons Co., Pewaukee, Wis. Record:—10499.1 lbs. milk; 555.88 lbs. b. f. 4 yrs. 9 mos. old.

Dolly of Clover Hill 42718, A. R. 5809, owned by Octav Voget, Hubbard, Ore. Record:—7206.6 lbs. milk; 393.12 lbs. b. f. 5 yrs. 2 mos. old.

May of Onisquethaw 29293, A. R. 5810, owned by J. O. Winston, Saugerties, N. Y. Record:—7535.4 lbs. milk; 380.33 lbs. b. f. 7 yrs. 2 mos. old.

Miss Sybil of Willowmere 63228, A. R. 5811, owned by B. F. Salsbury, Fairfax, Va. Record:—7188.7 lbs. milk; 376.57 lbs. b. f. 3 yrs. 3 mos. old (1 day test).

Chedda's Doris of Overland View 54635, A. R. 5812, owned by F. G. Bowman, Elkton, Ohio. Record:—6081.8 lbs. milk; 324.73 lbs. b. f. 2 yrs. 2 mos. old (1 day test).

Hickory Grove's Glennie 58077, A. R. 5813, owned by T. J. Wright, Mauston, Wis. Record:—6942.7 lbs. milk; 290.64 lbs. b. f. 2 yrs. old (1 day test).

Truella of Bellmath 31364, A. R. 5813, owned by H. C. Crocker & Son, Sennett, N. Y. Record:—10009.9 lbs. milk; 466.42 lbs. b. f. 6 yrs. 3 mos. old.

Imp. Raymond's Rose of St. Martin's 60589, A. R. 5815, owned by W. W. Knight, Perrysburg, Ohio. Record:—8934.1 lbs. milk; 426.32 lbs. b. f. 6 yrs. 8 mos. old.

Pride's Violet of Waddington 51410, A. R. 5816, owned by E. W. Oglebay, Wheeling, W. Va. Record:—6947.2 lbs. milk; 397 23 lbs. b. f. 2 yrs. 9 mos. old.

Prissy of Madrid 28122, A. R., 5817, owned by William H. Rutherford, Madrid, N. Y. Record:—12028.2 lbs. milk; 574.06 lbs. b. f. 10 yrs. 3 mos. old (1 day test).

Lura of Birchwood 51824, A. R. 5818, owned by M. L. Welles, Rosendale, Wis. Record:—7469.6 lbs. milk; 338.82 lbs. b. f. 2 yrs. 6 mos. old (1 day test).

Lily of Helendale's Enkelin Yeksaterna 37555, A. R. 5819, owned by G. N. Knapp, Stanton, Minn. Record:—8489.2 lbs. milk; 361.59 lbs. b. f. 4 yrs. 11 mos. old (1 day test).

Imp. Hayes Felois 4th 53139, A. R.5820, owned by W. W. Marsh, Waterloo, Iowa. Record:—12838.0 lbs. milk; 635.78 lbs. b. f. 10 yrs. 6 mos. old (1 day test).

Imp. Roehampton Daisy 52356, A. R. 5821, owned by W. W. Marsh, Waterloo, Iowa. Record:—11160.8 lbs. milk; 617.65 lbs. b. f. 3 yrs. 6 mos. old (1 day test).

Imp. Figtree IV. 43648, A. R. 5822, owned by W. W. Marsh, Waterloo, Iowa. Record:—11454.4 lbs. milk; 544.58 lbs. b. f. 3 yrs. 10. mos. old (1 day test).

Starlight of Bailey Falls 65163, A. R 5823, owned by Bailey Falls Farm, Oglesby, Ill. Record:—7564.7 lbs. milk; 340.30 lbs. b. f. 2 yrs. old.

Imp. Lady Susan III. of the Bordages 35465, A. R. 5824, owned by John H. Williams, Waukesha, Wis. Record:—10035.0 lbs. milk; 512.50 lbs. b. f. 7 yrs. 2 mos. old.

Caribou Obasan 54586, A. R. 5825, owned by George C. Stone, Twig, Minn. Record:—8423.3 lbs. milk;454.63 lbs. b. f. 2 yrs. 3 mos. old.

Brookmead's Dimple 49806, A. R. 5826, owned by F. G. Thomson, Devon, Pa. Record:—9361.6 lbs. milk; 449.95 lbs. b. f. 2 yrs. 2 mos old.

Standard's Rose 45190, A. R. 5827, owned by A. W. Lawrence, Sturgeon Bay, Wis. Record:—9464.7 lbs. milk; 463.06 lbs. b. f. 3 yrs. 7 mos. old.

Yeksa Beautiful 29134, A. R. 5828, owned by A. W. Lawrence, Sturgeon Bay, Wis. Record:—10623.6 lbs. milk; 485.28 lbs. b. f. 6 yrs. 10 mos. old.

Brookmead's May Rose 49803, A. R. 5829, owned by F. G. Thomson, Devon, Pa. Record:—9766.5 lbs. milk; 502.91 lbs. b. f. 2 yrs. 3 mos. old.

Mixter Dayspring 53025, A. R. 5830, owned by Est George Mixter, Hardwick, Mass. Record:—8507.6 lbs. milk; 493.56 lbs. b. f. 4 yrs. 3 mos. old.

Yeoman's Mixter Princess 62960, A. R. 5831, owned by Est. George Mixter, Hardwick, Mass. Record:—9525.2 lbs. milk; 454.29 lbs. b. f. 2 yrs. 4 mos. old.

Yeoman's Mixter Picotty 62965, A. R. 5832, owned by Est. George Mixter, Hardwick, Mass. Record:—7856.4 lbs. milk; 383.12 lbs. b. f. 2 yrs. 2 mos. old.

Chief's Dolly 48414, A. R. 5833, owned by Est.George Mixter, Hardwick, Mass. Record:—9062.6 lbs. milk; 529.37 lbs. b. f. 4 yrs. 11 mos. old.

Mixter Susie 62953, A. R. 5834, owned by Est. George Mixter, Hardwick, Mass. Record:—7106.4 lbs. milk; 384.97 lbs. b. f. 2 yrs. 6 mos. old.

Mixter Rose Dean 62951, A. R. 5835, owned by Est. George Mixter, Hardwick, Mass. Record:—8172.1 lbs. milk; 429.24 lbs. b. f. 2 yrs. 6 mos. old.

Saisy of Elmpines 54698, A. R. 5836, owned by Columbia Mills, Inc., Minetto, N. Y. Record:—7470.3 lbs. milk; 404.48 lbs. b. f. 2 yrs. 3 mos. old.

Lady Lavender 55604, A. R. 5837, owned by S. M. Shoemaker, Eccleston, Md. Record:—9215.6 lbs. milk; 416.55 lbs. b. f. 2 yrs. 1 mo. old.

Ma Chere Cecile 55850, A. R. 5838, owned by S. M. Shoemaker, Eccleston, Md. Record:—8693.6 lbs. milk; 405.95 lbs. b. f. 2 yrs. 1 mo. old.

Ma Chere Golda 55853, A. R. 5839, owned by S. M. Shoemaker, Eccleston, Md. Record:—8897.8 lbs. milk; 384.92 lbs. b. f. 2 yrs. 1 mo. old.

Pinehurst Golda 41878, A. R. 5840, owned by S. M. Shoemaker, Eccleston, Md. Record:—8830.5 lbs. milk; 437.81 lbs. b. f. 4 yrs. 7 mos old.

Madge's Pet of Alfred 49814, A. R. 5841, owned by Harry Leaton, Wyoming, N. Y. Record;—9220.65 lbs. milk; 433.32 lbs. b. f. 6 yrs. old (1 day test).

Imp. La Grande XIII. du Bas Sejour 39651, A. R. 5842, owned by Harry Leaton, Wyoming, N. Y. Record:—10538.55 lbs. milk; 418.49 lbs. b. f. 5 yrs. 11 mos. old (1 day test).

Louise Glenwood of Walter Maple 53512, A. R. 5843, owned by F. D. Countiss, Lake Geneva, Wis. Record:—5846.9 lbs. milk0 308.84 lbs. b. f. 2 yrs. old.

Rosetta of Elmview 54554, A. R. 5844, owned by B. H. Throop, Elmhurst, Pa. Record:—7288.8 lbs. milk; 425.35 lbs. b. f. 2 yrs. 4 mos. old.

Island Farm's Home Lassie 53707, A. R. 5845, owned by G. G. Hartley, Duluth, Minn. Record:—8494.7 lbs. milk; 458.37 lbs. b. f. 2 yrs. 2 mos. old.

May Rose Starlight of Island Farm 53706, A. R. 5846, owned by G. G. Hartley, Duluth, Minn. Record:—12652.2 lbs. milk; 532.23 lbs. b. f. 2 yrs. 2 mos. old.

Atlasta Mary Bess 46759, A. R. 5847, owned by C. T. Bundy, Eau Claire, Wis. Record:—9973.7 lbs. milk; 425.48 lbs. b. f. 3 yrs. 6 mos. old (1 day test).

Atlasta Lady 42104, A. R. 5848, owned by C. T. Bundy, Eau Claire, Wis. Record:—10658.6 lbs. milk; 435.25 lbs. b. f. 4 yrs. 5 mos. old. (1 day test).

Janoca of Briarbank 2d 55275, A. R. 5849, owned by W. T. Barbour, Birmingham, Mich. Record:—7512.4 lbs. milk; 420.43 lbs. b. f. 1 yr. 11 mos. old (1 day test).

Fillmore's Topsy 51107, A. R. 5850, owned by Charles H. Jones, Wellesley Farms, Mass. Record:—9694.6 lbs. milk; 494.53 lbs. b. f. 2 yrs. 6 mos. old.

Mary Ann of Mixter Farm 46983, A. R. 5851, owned by Est. George Mixter, Hardwick, Mass. Record:—9021.4 lbs. milk; 452.21 lbs. b. f. 5 yrs. 7 mos. old.

Darling's May of Uplands 65083, A. R. 5852, owned by Frank P. Frazier, Ipswich, Mass. Record:—8142.1 lbs. milk; 477.28 lbs. b. f. 2 yrs. 6 mos. old.

Irene of Upton Pyne 54220, A. R. 5853, owned by Percy R. Pyne, Bernardsville, N. J. Record:—8574.3 lbs. milk; 491.52 lbs. b. f. 2 yrs. 4 mos. old.

Lewison's Lily Bell 53353, A. R. 5854, owned by Henry S. Hale, Dixville Notch, N. H. Record:—6002.2 lbs. milk; 336.47 lbs. b. f. 3 yrs. 11 mos. old.

Twinkle's Gem 53351, A. R. 5855, owned by Henry S. Hale, Dixville Notch, N. H. Record:—6635.7 lbs. milk; 381.50 lbs. b. f. 4 yrs. 10 mos. old.

Lady Grayling of Mixter Farm 47065, A. R. 5856, owned by George H. Timmins, Ware, Mass. Record:—8953.9 lbs. milk; 458.27 lbs. b. f. 5 yrs. 11 mos. old.

Frolic's Favorite 19981, A. R. 5857, owned by M. G. Keenan, Oneonta, N. Y. Record:—9661.8 lbs. milk; 432.66 lbs. b. f. 11 yrs. 4 mos. old.

Eureka of Grasslands 54759, A. R. 5858, owned by Robert & Herbert Scoville, Taconic, Conn. Record:—10762.2 lbs. milk; 439.24 lbs. b. f. 2 yrs. 5 mos. old.

Imp. Alexandrina 19th 65698, A. R. 5859, owned by Ariel Mitchelson, Tariffville, Conn. Record:—7803.2 lbs. milk; 363.10 lbs. b. f. 2 yrs. 2 mos. old.

Imp. Jennie VI. of the Hubits 44314, A. R. 5860, owned by Moulton B. Goff, Sturgeon Bay, Wis. Record:—8548.4 lbs. milk; 391.35 lbs. b. f. 3 yrs. 11 mos. old.

Enola Bay 2d 53130, A. R. 5861, owned by William H. Gould, Burkeville, Va. Record:—6390.7 lbs. milk; 341.27 lbs. b. f. 2 yrs 3 mos. old (1 day test).

Freesia's Corona Lass of Iowa 55903, A. R. 5862, owned by Oregon Agricultural College, Corvallis, Ore. Record:—6711.2 lbs. milk; 297.97 lbs. b. f. 2 yrs. 2 mos. old.

Rouge's Lily of Ames 58482, A. R. 5863, owned by Iowa State College, Ames, Iowa. Record:—8219.80 lbs. milk; 407.93 lbs. b. f. 2 yrs. 2 mos. old.

Re-entries

Golden Lenore 24811, A. R. 1406, Re-entry, owned by J. O. Winston, Saugerties, N. Y. Record:—11998.2 lbs. milk; 612.89 lbs. b. f. 8 yrs. 8 mos. old.

May of Windermere 35678, A. R. 3531, Re-entry, owned by Fred K. Babson, Hinsdale, Ill. Record:—12686.0 lbs. milk; 523.56 lbs. b. f. 5 yrs. 10 mos. old.

Deanie Woodburn of Brookmead 2d 37095, A. R. 3213, Re-entry, owned by F. G. Thomson, Devon, Pa. Record:—13410.5 lbs. milk; 540.58 lbs. b. f. 5 yrs. 4 mos. old.

Mixter Dawn 58048, A. R. 4526, Re-entry, owned by Est. George Mixter, Hardwick, Mass. Record:—11976.2 lbs. milk; 667.87 lbs. b. f. 3 yrs. 8 mos. old.

Imp. Nellie of the Mont Marche 50407, A. R. 3903, Re-entry, owned by Columbia Mills, Inc., Minetto, N. Y. Record:—10887.1 lbs. milk; 655.88 lbs. b. f. 7 yrs. old.

Imp. Charmante's Coronation 27550, A. R. 3500, Re-entry, owned by Henry W. Howe, Bedford Hills, N. Y. Record:—13723.6 lbs. milk; 614.62 lbs. b. f. 9 yrs. 8 mos. old.

Lizetta's Ruth 27803, A. R. 1687, Re-entry, owned by Otto W. Post, Ensenore, N. Y. Record:—12109.1 lbs. milk; 558.37 lbs. b. f. 7 yrs. old (1 day test).

Beldame 3d 28064, A. R. 2731, Re-entry, owned by G. G. Hartley, Duluth, Minn. Record:—11810.9 lbs. milk; 548.81 lbs. b. f. 8 yrs. 4 mos. old.

May Rose of Meadowbrook 25770, A. R. 2937, Re-entry, owned by G. G. Hartley, Duluth, Minn. Record:—13378.8 lbs. milk; 586.17 lbs. b. f. 8 yrs. 2 mos. old.

Dena of Hillhurst 34433, A. R. 4551, Re-entry, owned by O. W. Lehmann, Lake Ville, Ill. Record:—11053.1 lbs. milk; 483.20 lbs. b. f. 6 yrs. 2 mos old.

Island's Meadowbrook Blossom 48534, A. R. 4584, Re-entry, owned by G. G. Hartley, Duluth, Minn. Record:—13176.3 lbs. milk 556.32 lbs. b. f. 3 yrs. 5 mos. old.

Thirty Thousand Six Hundred Seventy-Six 30676, A. R. 3217, Re-entry, owned by Est. George Mixter, Hardwick, Mass. Record:—11160.4 lbs. milk; 539.32 lbs. b. f. 9 yrs. old.

Duchess Ruth 47060, A. R. 3523, Re-entry, owned by Est. George Mixter, Hardwick, Mass. Record:—13095.0 lbs. milk; 701.20 lbs. b. f. 5 yrs. 11 mos. old.

Ellen May Queen of Glenmore 33820, A. R. 3751, Re-entry, owned by Frank P. Frazier, Ipswich, Mass. Record:—16139.5 lbs. milk; 816.24 lbs. b. f. 7 yrs. 3 mos. old.

Imp. Madame Melba I. 29379, A. R. 3048, Re-entry, owned by Henry W. Leeds, Westville, N. J. Record:—13046.3 lbs. milk; 519.82 lbs. b. f. 8 yrs. old.

Cora of Gerar 48309, A. R. 4706, Re-entry, owned by D. D. Tenney, Crystal Bay, Minn. Record:—11127.8 lbs. milk; 530.15 lbs. b. f. 3 yrs. 5 mos. old.

Langwater Nancy 27943, A. R. 1826, Re-entry, owned by I. C. Blandy, Greenwich, N. Y. Record:—18783.5 lbs. milk; 1011.66 lbs. b. f. 7 yrs. 11 mos. old.

Bulls Admitted to the A. R. From Jan. 15 to Jan. 31, 1918 by Daughters Whose A. R. Numbers Appear in Brackets

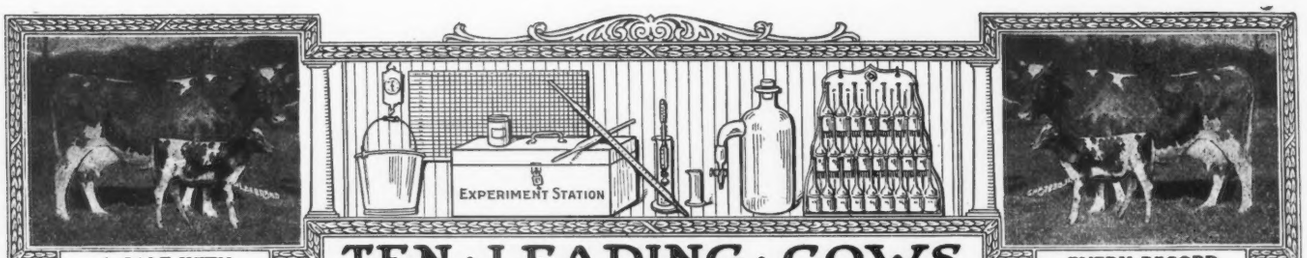
Glenwood's Jeweller of Hollywood 14486, A. R. (4464-5811).

Langwater Stars and Stripes 21872, A. R. (5626-5826).

Miss Luetta's Standard 21091, A. R. (4611-5827).

Betsey Boy of Riverside 8959, A. R. (2925-5857).

Old Times (2489 E. G. H. B.), A. R. (5491-5859).



TEN · LEADING · COWS IN · THE · SEVERAL · CLASSES · OF · THE · ROLL · OF · HONOR

CLASS AA—FIVE YEARS AND OVER

	Lbs. Milk	Lbs. B. Fat		Lbs. Milk	Lbs. B. Fat
Benton's Lady Chesterbrook of Ingleside 28672 A. R. 2714	13305.1	690.69	Sagesta 15531 A. R. 3593	11497.4	605.20
Alma Ethel 33964 A. R. 2707	12660.6	621.21	Clare of Poplar Grove 3d 16343 A. R. 3922	13170.7	568.81
Selma of Pinehurst 14521 A. R. 325	9593.1	615.97	Imp. Victorina of Sarnia 35669, A. R. 5640	10504.7	538.54
Golden Maid of Maple Lane 36736 A. R. 5402	13038.0	614.96	Margaret of Linden 16078 A. R. 665	12116.6	526.35
Auricula 2d 12209 A. R. 106	13411.6	605.50	Primrosedale 2d 14360 A. R. 115	12897.4	525.34

CLASS BB—FOUR AND ONE-HALF TO FIVE YEARS

Imp. Pretoria 14443 A. R. 73	11528.8	595.35	Jedetta 11966 A. R. 227	8601.3	451.07
Imp. Les Chevalier's Primrose 33107 A. R. 2748	11465.4	528.18	Portia of Dentonia 18983 A. R. 807	8864.1	439.19
Comus Queenie 22399 A. R. 1472	9395.8	522.50	Merisan 18997 A. R. 706	8139.5	431.00
Lucretia's Daughter 11256 A. R. 3	11084.6	489.60	Little Cad 36721 A. R. 5237	8733.4	425.34
Imp. Rosy IV. of the Camp Joinet 40087 A. R. 4846	10493.5	481.44	Imp. Majesty's Rose 32018 A. R. 3310	10275.7	424.30

CLASS CC—FOUR TO FOUR AND ONE-HALF YEARS

Spotswood Daisy Pearl 17696 A. R. 790	11570.7	572.67	Imp. Freedom's Primrose 33096 A. R. 2186	8311.7	465.19
Princess Milk Maid 38668 A. R. 3976	11084.3	536.25	Melvina 22938 A. R. 1864	8005.2	459.76
Lucile of the Ridge 36580 A. R. 4461	8216.4	504.61	Izora of Hickory Grove 39832 A. R. 5151	8996.0	451.56
Imp. Honeymoon II. of the Fountain 23567 A.R.1954	9962.3	482.84	Glenwood's Elizabeth of Haddon 18824 A. R. 997	8597.9	450.88
Imp. Ramee Victory 32087 A. R. 3716	10225.2	478.95	Dorinda Flower 32560 A. R. 3695	8521.0	445.21

CLASS DD—THREE AND ONE-HALF TO FOUR YEARS

Imp. Wintershill Meg 2d 48506 A. R. 3824	12347.2	583.33	Imp. Cambrian Princess 14446 A. R. 87	7234.6	457.07
Buttercup of Geneva 41957 A. R. 5705	9718.9	561.39	Lassie of Ledyard 19105 A. R. 417	7975.0	426.31
Imp. Dewdrop III. of the Hall 35221 A. R. 3717	9780.2	519.30	Imp. Adele of Sarnia 40226 A. R. 4062	7902.9	420.37
Imp. Hotton's Nelly III. 22562 A. R. 901	8675.6	510.49	Lucy of Woodbine 49235 A. R. 5447	7894.8	415.49
Imp. Hayes Friquet 2d 44979 A. R. 3900	9470.7	504.58	Gilgal of Grasslands 18223 A. R. 846	7873.7	414.18

CLASS EE—THREE TO THREE AND ONE-HALF YEARS

Imp. Fan IV. of the Croute 28519 A. R. 2442	11872.8	539.34	Dairymaid of Elm Place 14197 A. R. 19	9045.8	473.47
Trixy of the Ridge 42583 A. R. 4579	9557.0	537.38	Daisy of Oakwood 49838 A. R. 3775	8303.7	462.28
Cora of Gerar 48309 A. R. 4706	11127.8	530.15	Princess Corinna 3d 29987 A. R. 2473	9284.9	462.20
Sunday's Tabernacle of Overland View 41858 A. R. 5215	8342.9	486.11	Dousman's Bluebell 38299 A. R. 3959	7834.0	458.45
Selma of Pinehurst 4th 25703 A. R. 1235	8819.6	476.76	Virelay 13300 A. R. 187	9343.6	451.92

CLASS FF—TWO AND ONE-HALF TO THREE YEARS

Ada of Hop City 15361 A. R. 91	8605.1	517.11	Park's May 24020 A. R. 1390	9607.7	424.13
Susie of the Ridge 43719 A. R. 4723	8931.3	514.07	Uneeda B. 17523 A. R. 637	7739.5	420.10
Ellenwood's Nonesuch 40123 A. R. 4156	9517.2	452.42	Imp. Cora's Queen's Prize IV. 16004 A. R. 143	8080.4	410.81
Robinia 16174 A. R. 420	8320.8	442.42	Glenwood's Chesterbrook of Haddon 27665 A. R. 1121	9052.9	406.76
Imp. Governor's Daisy 37391 A. R. 3513	8085.5	436.39			
Matilda of Spring Brook 25649 A. R. 991	7406.1	428.20			

CLASS GG—TWO TO TWO AND ONE-HALF YEARS

Theodore's Pride 42768 A. R. 3837	11587.4	594.02	Hazel of Lee Farm 39204 A. R. 3548	9608.5	458.71
Lillia of Iowa 43159 A. R. 3929	10535.7	568.94	May King's Ideal 40323 A. R. 3718	9562.9	452.48
Mysie's Lady of Claremont 66500 A. R. 5676	9574.1	494.88	Imp. Jessie Durand IV. 43670 A. R. 3601	8962.3	447.33
Lilly Lee 52828 A. R. 5777	8767.6	466.33	Governor's Madge Chena 34150 A. R. 2837	6822.0	442.94
Matin Belle 2d 25965 A. R. 1523	9059.7	462.51	Selma of Pinehurst 2d 19626 A. R. 624	7078.0	430.01

AVERAGE YIELD OF 70 CLASS LEADERS 9622.55 LBS. MILK; 492.99 LBS. BUTTER FAT; 5.12 PER CENT.

The above is as they appeared Feb. 1, 1918.

Summary of 420 Double Letter Records.

	Records	Lbs. Milk	Lbs. B. F.	Per Cent.
Class AA	109	8934.10	441.88	4.946
Class BB	28	8472.54	417.01	4.921
Class CC	49	8023.31	409.27	5.101
Class DD	33	7646.01	396.59	5.187
Class EE	52	7542.00	379.25	5.029
Class FF	60	6976.94	359.73	5.156
Class GG	89	6698.71	341.60	5.099
Av. for	420	7770.23	392.11	5.046

Milk Production

Best Year's Record 13411.6 lbs.

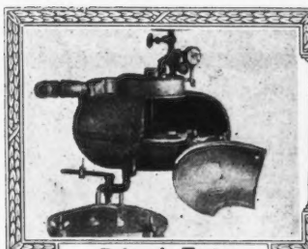
Av. Ten Largest Records 12640.74 lbs.

Butter Fat Production

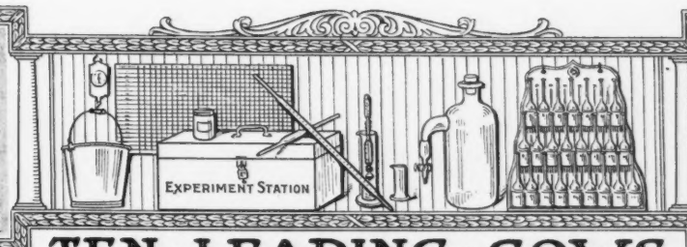
Best Year's Record 690.69 lbs.

Av. Ten Largest Records 609.89 lbs.

Largest double letter record for which certificate has been written since last issue of Journal. Buttercup of Geneva 41957, A. R. 5705, 9718.90 lbs. milk; 561.39 lbs. fat.



Babcock Tester



Record: 953.53 lbs. Fat

TEN · LEADING · COWS IN · THE · SEVERAL · CLASSES · OF · THE · ADVANCED · REGISTER

CLASS A—FIVE YEARS AND OVER

	Lbs. Milk	Lbs. B. Fat		Lbs. Milk	Lbs. B. Fat
Murne Cowan 19597 A. R. 1906	24008.0	1098.18	Spotswood Daisy Pearl 17696 A. R. 790	18602.8	957.38
May Rilma 22761 A. R. 1726	19673.0	1073.41	Julie of the Chene 30460 A. R. 2752	17661.0	953.53
Langwater Nancy 27943 A. R. 1826	18783.5	1011.66	Imp. Bijou des Frances 44541 A. R. 3043	17104.0	943.41
Langwater Hope 27946 A. R. 1978	19882.0	1003.17	Belladia 31909 A. R. 2801	19631.9	934.05
Yeksa's Tops of Gold's Fannie 22362 A. R. 2394	19794.9	981.53	Imp. Daisy Moon III. 28471 A. R. 1909	18019.4	928.39

CLASS B—FOUR AND ONE-HALF YEARS TO FIVE YEARS

Dairymaid of Pinehurst 24656 A. R. 843	17285.3	910.67	Glenanaar of the Glen 23619 A. R. 1907	16813.1	780.66
Julie of the Chene 30460 A. R. 2752	15174.2	827.26	Lady Dairymaid of Pinehurst 29723 A. R. 2106	14770.0	769.58
Lady Lesbia 25142 A. R. 1348	13582.8	787.03	Linden Girl 42762 A. R. 3607	14682.8	747.45
King's Alberta 33788 A. R. 2555	13954.9	785.61	Ximesses M. 35845 A. R. 4836	15359.8	733.13
Pandora's Valentine of Rich Neck 27622 A. R. 1742	14341.6	784.22	Lime Girl 33441 A. R. 3443	15264.5	728.68

CLASS C—FOUR TO FOUR AND ONE-HALF YEARS

Azucena's Pride 2d 24957 A. R. 1469	16203.9	855.70	Imp. Beauty II. of the Coutanchez 28465 A. R. 2081	13513.9	748.81
Governor's Pauline 30472 A. R. 2441	14930.0	844.47	Stella's Favorite 2d 29167 A. R. 2283	14529.6	719.23
Polly's Beauty 35078 A. R. 2911	16629.8	774.40	Imp. Nettie of the Hubits 44181 A. R. 4958	12556.9	718.97
Imp. Dora II. of Les Marais 37737 A. R. 3999	15434.9	770.38	Noblesse 3d 37942 A. R. 2908	12399.5	717.67
Pauline Standish 33533 A. R. 3308	15870.6	757.21	Triple Champion's Marva 30001 A. R. 2400	14370.3	703.27

CLASS D—THREE AND ONE-HALF TO FOUR YEARS

Dolly Dimple 19144 A. R. 628	18458.8	906.89	Imp. Rosie V. of the Bourg de Bas 36380 A. R. 2802	14065.1	755.07
Mignonette of Rich Neck 36828 A. R. 3054	14304.9	800.77	Rose of Langwater 24204 A. R. 1445	15008.2	751.62
Langwater Dorothy 27944 A. R. 1822	16099.7	781.65	Imp. Ma Charmante 6th 31925 A. R. 1995	15149.8	740.20
Lady's Hope of Maple Hill 44843 A. R. 5700	15126.4	776.63	Imp. Daisy Moon III. 28471 A. R. 1909	12489.9	710.70
Imp. Princess of the Blicqs 28485 A. R. 1908	12608.8	774.16			
Nella Jay 4th 38233 A. R. 3194	16039.9	769.33			

CLASS E—THREE TO THREE AND ONE-HALF YEARS

Jehanna Chene 30889 A. R. 2588	16186.7	863.36	Miranda of Edgewater 30970 A. R. 2363	14617.3	730.49
Dairymaid of Pinehurst 24656 A. R. 843	14562.4	860.26	Langwater Desire 40709 A. R. 4877	14219.8	708.69
Imp. Donnington Goldie 5th 59866 A. R. 4811	17861.7	796.52	Fleurette of Riverside Farm 36286 A. R. 2930	13665.5	689.56
Glenwood's Buttercup 48137 A. R. 3224	13728.9	769.82	Imp. Blanchflower XX. 47923 A. R. 5228	13553.7	687.93
Masher's Elsie 24986 A. R. 1967	14458.7	745.75	Sweet Maria 25151 A. R. 1803	12542.5	682.86

CLASS F—TWO AND ONE-HALF TO THREE YEARS

Langwater Hope 27946 A. R. 1978	15078.8	773.59	Imp. May Rose of the Vrangue III. 51985 A. R. 5673	12683.2	652.70
Azucena's Pride 2d 24957 A. R. 1469	12633.3	706.46	Imp. Rose des Houards 59th 44975 A. R. 3901	13522.8	643.11
Linden Girl of Harbor Hill 3d 58625 A. R. 4651	12636.9	681.34	Yeksarose 16610 A. R. 472	11275.5	638.49
Rose of Langwater 24204 A. R. 1445	12966.5	669.89	Janet of Oakhurst 45297 A. R. 5071	11006.0	617.76
Imp. Buttercup II. of Beauregard 35799 A. R. 2638	10623.3	659.71			
May Belle of Linda Vista 29679 A. R. 2134	11981.8	653.02			

CLASS G—TWO TO TWO AND ONE-HALF YEARS

Cherry of Edgewater 38413 A. R. 3361	13454.2	732.97	Dolly Dimple 19144 A. R. 628	14009.1	703.36
Nella Jay 4th 38233 A. R. 3194	14772.7	726.32	Golden Elsie 2d 33422 A. R. 2274	13409.0	672.94
Follyland Nancy 52457 A. R. 5266	12270.9	712.60	Princess Deasie 36703 A. R. 2275	11943.1	666.22
Pearl Rose of the Glen 47414, A. R. 4900	12378.8	711.43	Nellie Tostevin of Mapleton 3d 30318 A. R. 2121	11675.9	664.01
Nugget's Primrose 48835 A. R. 4001	15436.1	705.56	Imp. Bonnie of Anna Dean Farm 46953 A. R. 3195	12785.4	657.87

AVERAGE YIELD OF 70 CLASS LEADERS 14887.44 LBS. MILK; 775.72 LBS. BUTTER FAT; 5.21 PER CENT.

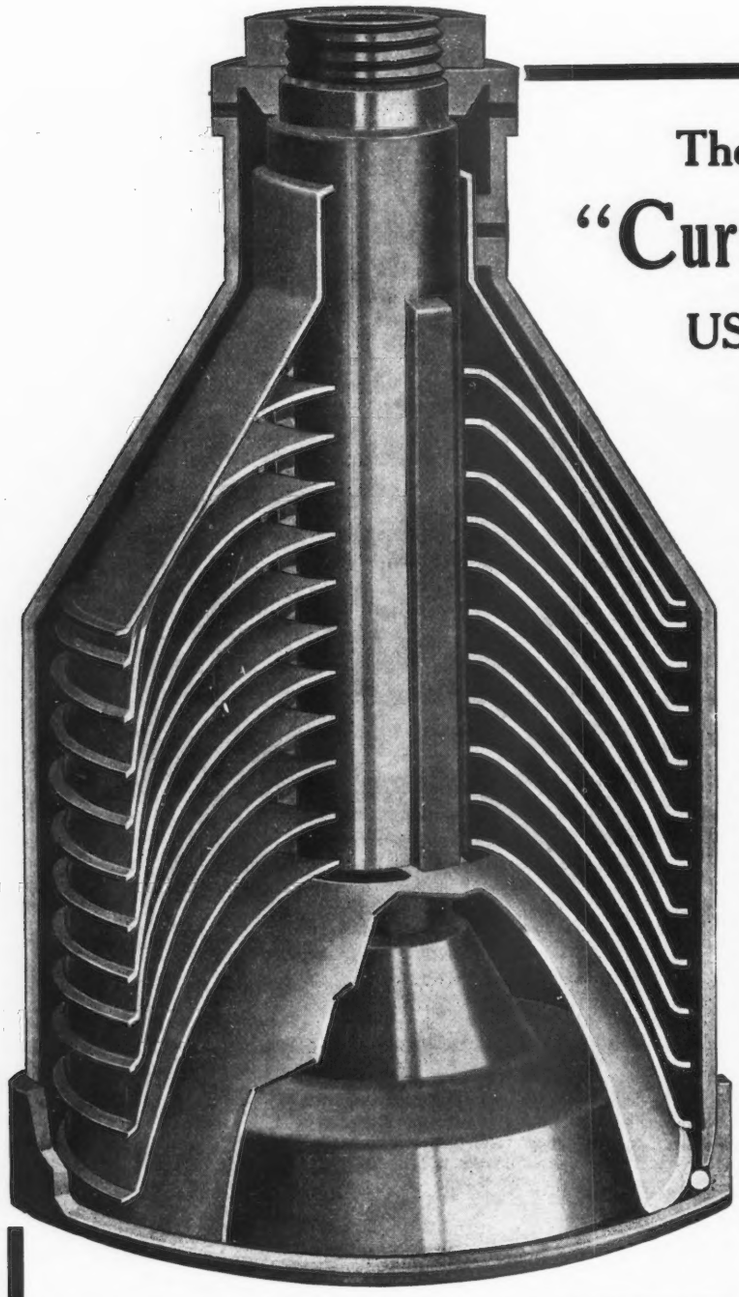
The above is as they appeared Feb. 1, 1918.

Summary of 6766 Advanced Register Records.

	Records	Lbs. Milk.	Lbs. B. F.	Per Cent.
Class A	1988	10264.79	506.97	4.938
Class B	392	9688.11	484.25	4.998
Class C	524	9318.79	467.60	5.017
Class D	556	9114.99	459.47	5.040
Class E	671	8427.17	425.05	5.043
Class F	824	8127.42	411.43	5.062
Class G	1811	7782.09	390.35	5.016
Av. for	6766	8956.57	447.73	4.998

Milk Production	Butter Fat Production
Best Year's Record 24008 lbs.	Best Year's Record 1098.18 lbs.
Av. Ten Largest Records 19566.28 lbs.	Av. Ten Largest Records 988.47 lbs.

Largest record for which certificate has been written since last issue of Journal. Langwater Nancy 27943, A. R. 1826, Re-entry: 18783.50 lbs milk; 1011.66 lbs. fat.



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The patented "Curved Disc" Bowl of the "IOWA" is the only skimming device that skims hot, cold or chilled milk exhaustively. In the ordinary Separator, the distance between the discs at the center of the bowl and at the outer edge of the bowl is the same, but in the "Curved Disc" Bowl, the space between each pair of discs is much wider at the center of the bowl than it is at the outer edge of the bowl. (See picture). This scientific construction makes it possible for the cold, sluggish, thick cream to pass between the curved discs without clogging the bowl or interfering with the skimm ing. The "IOWA" gets every drop of butter fat that your cows produce in Winter as well as in Summer.

THE PATENTED "CURVED DISC" BOWL GETS ALL THE BUTTER FAT

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The "Iowa" Cream Separator

the only Separator with the patented "Curved Disc" Bowl, outskimmed all other Separators in the Official Skimming Tests made by the Jury of Dairy Experts at the World's Fair—San Francisco, 1915. Actual skimming tests prove the "IOWA" to be the "World's Best by Actual Test." Before you buy, see and try an "IOWA."

ASSOCIATED MANUFACTURERS COMPANY.

WATERLOO, IOWA, U. S. A.

Manufacturers of "Associated" Engines 1 1-2 to 18 Horse Power Guaranteed

SALES AND MEETINGS

Lu-Alyn Farm of Pataskala, Ohio, seventeen miles east of Columbus, on the Pan Handle R. R. is offering a herd of fifty Guernseys at a dispersal sale to be held Tuesday, March 12, 1918, on the farm after early noon luncheon. The sale is headed by the prize winning sire, Prince Oscar of Anna Dean Farm 27282. F. W. Andrews & Son, Auctioneers, of New Philadelphia, Ohio, will have charge of the sale and catalogues may be obtained by addressing H. C. McCamon, Sales Manager, of Lisbon, Ohio.

Sixty-five head of RegisteredGuernseys are to be sold at the second annual auction sale of the Guernsey Home Farm, Lisbon, Ohio, Wednesday, April 17, 1918, in the Sale Pavillion of Guernsey Home Farm Barn. Those interested should address H. C. McCamon & Son, Lisbon, Ohio, owners.

FROM THE GUERNSEY WORLD

Connecticut

Falcon's Flight Farms Purchases Well Bred Sire

Falcon's Flight Farms, Litchfield, Connecticut, has recently purchased the choice young bull, Falcon's Proud Warrior 47559. His breeding entitles him to be classed as one of, if not the greatest bred bull in the country today.

His sire, Langwater Warrior 26509, is a son of the famous Imp. King of the May 9001 and has been widely advertised as the greatest bull ever bred at Langwater. Langwater Warrior 26509 is not only by the wonderful Imp. King of the May 9001 but also carries three other crosses of May Rose blood through the two greatest May Rose families and is of the same blood lines as the leading cow at Langwater, Langwater Hope 27946.

The dam of Falcon's Proud Warrior 47559 is Pride of Birth 18443 whose breeding record makes her the peer of all Guernsey females of the day. Having a record of 641 pounds

WHAT THE COWS ARE DOING

Their latest credits in the Advanced Register

Special Note: This list contains the monthly and total credits as checked at the time of going to press. Any omissions or back credits given signify that either data had not been received in time or are held pending verification. These records are all made on the two day test, except where noted.

Name and Number.	Class	Days	Month	Month Credit. Milk Lbs.	% Fat	B. Fat Lbs.	Total Credit. Milk Lbs.	B. Fat Lbs.
These records are all made on the two day test basis except where especially noted.								
ABRY, PHILIP K., EASTON, MD., 1 day test								
Christine's Bountiful Maid 57146	G	360	Oct	370.5	6.45	23.90		
		365	Nov	47.0	6.30	2.96	8862.9	475.91
Columbine of Rich Neck 3d 54992	G	289	Oct	525.6	6.20	32.59		
		319	Nov	461.6	5.89	27 19		
		350	Dec	353.2	5.88	20.77	7641.6	439.13
Imp. Lady Primrose of Les Hubits 38895	A	15	Sept	453.5	4.56	20.68		
		46	Oct	1001.1	4.56	45.79		
		76	Nov	924.2	4.72	43.62		
		107	Dec	805.9	5.10	41.10	3187.7	151.19
Peg O' My Heart of Hillandale 52022	D	31	Oct	1348.3	4 79	64.58		
		61	Nov	1219.2	5.04	61 45		
		92	Dec	1033.3	5.18	53.52	3600.8	179.55
ADKINS, B. F., HEBRON, MD.								
Golden Wissy of Pencoyd 32799	A	248	Nov	533.3	5.81	30.98	5949.8	316.78
Jessie of Cosquay 62805	D	238	Nov	766.1	5.37	41.14	7100 9	350 32
Red Rose of Brookmead 32846	A	255	Nov	896.3	4.25	38.09	10012.3	403 86
Sparkle of Wasteland 32872	A	261	Nov	647.3	5.64	36.51	7925.6	379.26
ALLEN, C. C., KENOSHA, WIS.								
Allenwood Glenwood Girl 48706	E	365	Nov	184.6	6.26	11.56	8458.1	449 21
Fanny of Allenwood 58289	G	261	Nov	656.7	4.61	30.27	7007.3	318 03
Golden Elsie of Glenburnie 45853	E	342	Nov	386.8	6.23	24.10	9101.7	478.09
King Regent's Fanny of Allenwood 58290	G	236	Nov	599.6	4.70	28.18	5416.6	233.22
King Regent's Pancha of Allenwood 58291	G	229	Nov	628.1	5.07	31.85	5719.2	268.43
AMES, F. LOTHROP, NORTH EASTON, MASS.								
Langwater Diva 68789	G	152	Dec	704.7	4.83	34.04	4303.3	181.52
Langwater Heroine 49483	D	170	Dec	1345.5	5.22	70.24	8316.8	394.17
Imp. Langwater Lily 26606	A	256	Dec	656.8	6.06	39.80	8317.9	427.13
Langwater Luxury 49484	D	173	Dec	1019.1	5.42	55.24	7185.5	351.72
Langwater Phyllis 70607	G	86	Dec	1257.2	5.08	63.87	3683.2	183.96
Langwater Pride 35752	A	154	Dec	958.2	5.91	56.63	5982.4	310.37
ARCEER, CAROLINE, READING, PA. 1 day test								
Kitty Mackay 55726	F	275	Dec	449.4	5.79	26.02	6500.6	300.37
Prim of Flying Hill 56134	G	226	Dec	484.1	4.52	21.88	4667.6	212.56
BACKER, C. A., BILLERICA, MASS.								
Bijou's Violet 42317	A	275	Dec	643.9	6.16	39.66	6144.7	325.34
Harmonette 42325	B	153	Dec	607.0	4.88	29.62	3231.5	146.15
Imp. Lady Devon 42315	A	207	Dec	344.5	6.70	23.08	4045.9	217.95
Lady's Pride of Meadow Brook 42323	A	208	Dec	340.6	6.43	21.90	3985.6	218.58
Quintilla Milk Maid 37684	A	177	Dec	715.6	4.34	31.06	4033.5	167.68
BALDWIN, H. W. & SON, PENNINGTON, N. J.								
Ida of Mapledale 61830	G	293	Dec	714.4	5.45	38 93	8118.1	380.73
Lillian Evangeline 58703	F	10	Sept	223.3	4 95	11 05		
		41	Oct	780 4	4.95	38.63		
		71	Nov	773 6	4.81	37.21		
		102	Dec	744.5	4.92	36.63	2521.8	123.52
Oliver's Gypsy of Meadowbank 50853	D	103	Dec	1090.5	4.00	43.62	3551.5	136.26
Picobelle 26406	A	309	Dec	332.8	4.38	14.58	8016.6	339.70

BANCROFT, HUGH, COHASSET, MASS.

Bessie Ramee 33510	A	317	Dec	1077.1	4.29	46.21	15729.2	681.67
Erwinette of Elm-Leigh 39538	A	122	Dec	732.1	5.60	41.00	3492.4	183.13

BARRON, C. W., COHASSET, MASS.

Dorothy Cole of Westwood 32919	A	242	Dec	846.1	5.35	45.27	9605.6	457.28
Dottie Cole of Westwood 26348	A	342	Dec	735.8	5.38	39.59	13409.9	615.02
Duchess of Westwood 23038	A	306	Dec	939.6	4.88	45.85	11240.2	499.12
Golden Lass of Westwood 56745	G	282	Nov	266.9	7.26	19.38	7689.0	369.04
Helen Marshall's Jeanette's Sequel 26300	A	306	Dec	534.8	6.42	34.33	9839.5	527.66
King of the May's Thelma of Idylewilde 45735	C	229	Nov	682.4	5.39	36.78	6987.2	338.17
Lucy Cole of Westwood 26347	A	324	Dec	698.7	5.50	38.43	11318.7	552.92
Madge Cole of Westwood 31449	A	227	Dec	891.6	5.47	48.77	7789.5	383.37
May King's Cottina 46170	C	243	Dec	864.9	4.43	38.32	7682.5	336.37
Imp. May Lady X. 53562	A	153	Dec	623.1	5.84	36.39	3560.5	193.56
Imp. Melba IV. of Les Blancs Bois 39312	A	26	Nov	1589.7	4.78	75.99		
		57	Dec	1949.9	3.97	77.41	3539.6	153.40
Modena's Bond Beauty 42716	C	317	Dec	547.3	5.99	32.78	9801.8	502.78
Pixie's May of Maudesleigh 42923	A	214	Dec	787.8	4.89	38.52	7517.0	332.29
Imp. Primrose III. of le Mont Durand 47945	A	61	Dec	1061.3	4.93	52.32	2125.4	99.46
Queen Hopeful of Westwood 46258	B	17	Nov	506.7	4.10	20.77		
		48	Dec	1087.2	4.10	44.58	1593.9	65.35
Reddy Maid of Westwood 56744	G	317	Dec	718.0	5.69	40.85	9171.0	453.42
Rose Mar of Jean Du Luth 56837	G	327	Dec	573.3	5.76	33.02	7307.2	386.44
So-so's Jeanette's Sequel 26298	A	365	Dec	397.4	5.62	22.33	10064.9	492.05

BETHANY COLLEGE, BETHANY, W. VA.

Dairymaid of Point Breeze 52160	C	67	Dec	741.0	4.66	34.53	1734.8	87.60

BLISS, W. P., BERNARDSVILLE, N. J.

Florham Charm 4th 41699	A	153	Sept	1275.8	4.57	58.30		
		184	Oct	1060.4	5.05	53.55	8360.3	371.51

BORDEN'S CONDENSED MILK CO., EARLVILLE, N. Y.

Brenda M. 41816	A	230	Nov	527.4	7.27	38.34		
		261	Dec	573.4	6.57	37.67	7033.1	381.09
Finetta of Bonny Mead 32737	A	180	Dec	815.8	5.87	47.89	5343.9	283.77
Lady Lamoille 36487	A	61	Dec	831.4	4.42	36.75	1948.2	86.67
Link's Edella 28820	A	198	Nov	551.5	7.02	38.72		
		229	Dec	592.9	7.01	41.56	6251.4	393.12
Imp. Rosette II. du Grand Bel 39457	A	358	Dec	678.1	4.33	29.36	9207.5	416.58
Vermont Girl 42252	B	108	Dec	717.0	4.18	29.97	2997.0	119.20

BREUCHAUD, JULES, OLIVEBRIDGE, N Y.

Imp. Donnington Gladys 3d 45944	A	315	Dec	345.8	6.09	21.06	7471.1	392.41
Glory of High Point 61531	G	99	Dec	966.6	5.08	49.10	3237.1	157.68
King Masher's Honoria 48896	D	122	Dec	984.0	4.38	43.10	4946.4	217.14
May King's Gloriana 55767	G	334	Dec	724.0	4.18	30.26	8640.2	381.26

BREWSTER, GEORGE S., OYSTER BAY, N. Y.

Imp. Flora III. du Douit 47908	A	90	Dec	1358.3	5.54	75.25	4359.4	207.37
Imp. Gold Pail of Les Buttes 47915	A	77	Dec	1194.7	4.81	57.47	3150.9	151.38

BRIARCOMBE FARM CO., WINONA, MINN. 1 day test

Bluebell of Sunnyside 2d 39405	A	332	Dec	482.3	5.20	25.08	7730.8	361.26
Imp. Eunice of Koshkonong Place 2d 37337	A	297	Dec	529.2	4.50	23.81	7080.0	307.28
Royal Maid of Oakdale 46703	D	318	Dec	437.2	6.23	27.24	6310.7	354.58

BROWNE, GEORGE W., WAUKESHA, WIS.

Beauty Eagle Queen of Riverdale 55540	G	313	Nov	754.7	5.70	43.02	9655.7	504.68
Imp. Echo of Sarnia 56022	G	330	Nov	697.0	5.15	35.90	9976.3	465.27
Flossie of Fox Valley 51627	E	183	Nov	955.4	5.20	49.68	6700.5	320.25
Glencoe of Maple Hill 46186	C	227	Nov	901.3	5.19	46.78	8923.8	411.42
Maes Mawr Lady 51777	E	240	Nov	809.1	5.64	45.63	7725.6	362.72
Pearly of Spring City 38815	A	363	Nov	149.8	5.64	8.45	10126.2	458.28
Washington Lady 52909	F	313	Nov	677.4	6.45	43.69	9358.8	519.39

BROWN, HARRY H., EAU CLAIRE, WIS. 1 day test

Belle of Washington 25450	A	192	Nov	645.8	5.38	34.74	4859.7	247.10
Clara of Oak Lawn 41911	B	272	Nov	497.1	6.23	30.97	7020.1	381.75
Duke's Ella 37807	A	244	Nov	592.5	5.68	33.65	6956.8	354.31
Lucy of Oak Lawn 48774	E	286	Nov	272.7	6.75	18.41	5758.1	331.89
Veneta of Oak Lawn 42198	C	270	Nov	613.8	5.71	35.05	8766.6	429.92

BUCKLEY, H. H., ONEONTA, N. Y.

Imp. Ethel of Sarnia 51339	F	330	Nov	628.8	5.48	34.46		
		361	Dec	640.1	5.53	35.40		
		365	Jan	80.5	5.53	4.45	11589.1	554.20
Lillian of Tarbell Farms 2d 63356	G	93	Dec	766.9	4.18	32.06	2210.4	92.74
Mabel of Tarbell Farms 56758	F	126	Dec	855.2	5.95	50.88	3639.8	206.97
Princess of Tarbell Farms 54625	F	127	Dec	837.9	5.27	44.16	3563.3	177.21

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FOR SALE—Three Guernsey Sires

Holden IV's May King 41466. Born Sept. 20, 1915. Sired by Holden IV, the sire of Cherry of Edgewater, leading heifer of the breed, heading Class G in list of leading cows. This young sire carries the blood of Governor of the Chene on his sire's side and May Rose King on his dam's side. The dam of this sire is under test for Advanced Registry.

Jack of Two Rivers 46492. Born August 13, 1917. Dam the highest producing cow in our herd, now under test for Advanced Registry. Butterfat production, September, 63½ pounds; October, 77½ pounds; November, 50¾ pounds; December, 62 pounds; January, 60 pounds. Sire, Naomi's Choice Lad 28998, whose sire was a full brother to Dairymaid of Pinehurst.

Johnny-on-the-Spot, born November 16, 1917. Dam, a granddaughter of May Rose King. Sire, Naomi's Choice Lad 28998, whose sire was a full brother of Dairymaid of Pinehurst.

Write for information. Prices very reasonable.

HAMILTON & KAUFMAN,

Two Rivers Wisconsin

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MALE AND FEMALES ALL AGES

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MAY ROSE GOV. OF THE CHENE GLENWOOD
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MOORE VILLA GUERNSEY FARM

C. C. MOORE, Owner UNADILLA, N. Y.

of fat herself, she has passed on her ability to her daughters. She has five registered and all have gone into the Advanced Register with records which all exceed 500 pounds of fat. No other cow of the breed shows such a reproduction record. However, the dam of Pride of Birth 18443, Imp. Pride of Home 14447, nearly approaches her record and further intensifies the production breeding of Falcon's Proud Warrior 47559. She has a record of 534 pounds of fat with four registered daughters, all Advanced Register. The two nearest dams, therefore, average 588 pounds of fat and between them have nine Advanced Register daughters whose average fat production is 529 pounds of fat. In addition we have on the same side of Falcon's Proud Warrior's pedigree, Rutila's Sheet Anchor 5701 with eleven Advanced Register daughters, Sheet Anchor 2934 with four Advanced Register daughters and seven Advanced Register sons and Rutila's Daughter 6670.

While these animals have all been busy as producers of milk and butter fat they have not been idle in the show ring. The show ring records of the Imp. King of the May 9001 blood are too recent to need extended

BURTON, ROY, EAGLE, WIS.								
Beauty of Elderwood 62845	G	27	Nov	548.2	4.44	24.34		
		58	Dec	624.0	5.10	31.82	1172.2	56.16
Bessie of Elderwood 54520	E	87	Nov	712.8	5.80	41.34		
		118	Dec	755.7	5.69	43.00	3169.3	166.25
Imp. Dairy Maid of St. Croix 46679	B	5	Oct	162.2	5.04	8.17		
		35	Nov	1425.5	5.04	71.85		
		66	Dec	1318.0	4.99	65.77	2905.7	145.79
Julia of Elderwood 64385	G	5	Nov	95.5	5.41	5.17		
		36	Dec	787.2	5.41	42.59	882.7	47.76
CAPENER, CLIFFORD, BARABOO, WIS.								
Leona Lehigh 45489	C	3	Oct	96.0	4.41	4.23		
		33	Nov	1243.8	4.41	54.85	1339.8	59.08
Marquinetta 40830	A	75	Nov	1039.3	4.90	50.93	2665.1	131.41
Mondovia Lehigh 49413	C	17	Oct	548.0	5.18	28.39		
		47	Nov	1278.5	4.61	58.94	1826.5	87.33
CHAPIN, EDWIN, IOLA, WIS.								
Blanche Rilma 63080	G	10	Nov	194.2	4.27	8.29		
Elderon's Princess 61082	G	85	Nov	475.2	5.10	24.24	1530.0	75.12
Merry of Elderon 55087	A	12	Nov	393.3	4.26	16.75		
Viola of Valley Farm 45613	C	5	Nov	165.8	3.87	6.42		
CHENEY, B. AUSTIN, LITCHFIELD, CONN.								
Cassie of Falcon's Flight 51286	E	102	Nov	776.2	4.97	38.58		
		133	Dec	763.2	4.83	36.86	3643.2	167.39
Cassifide 17304	A	361	Nov	736.9	4.86	35.81		
		365	Dec	100.1	4.86	4.86	11965.4	534.15
Glenstay's Cassifide 20505	A	101	Nov	1024.0	4.32	44.24		
		132	Dec	932.4	4.57	42.61	4357.9	201.68
Hoop of Gold 19313	A	17	Sept	513.1	4.82	24.73		
		48	Oct	883.4	4.50	39.75		
		78	Nov	827.5	5.18	42.86		
		109	Dec	763.2	5.12	39.08	2987.2	146.42
Lagia Lenfestey 25370	A	295	Nov	870.5	6.33	55.10		
		326	Dec	847.0	6.84	57.93	11814.7	668.79
Litchfield Maid 24786	A	275	Nov	606.3	5.53	33.53		
		306	Dec	502.6	6.05	30.41	10111.0	545.87
Little Duchess 24788	A	180	Nov	1122.4	4.74	53.20		
		211	Dec	1062.0	5.12	54.37	8717.4	400.81

Lou of Falcon's Flight 28117	A	11	Oct	391.4	4.27	16.71		
		41	Nov	1276.0	4 27	54.49		
		72	Dec	1260.5	4.86	61.26	2927.9	132.46
Stockbridge Edith 33309	A	123	Oct	1163.4	5.60	65.15	5099.1	266.77
CHICHESTER, R. H. L., FREDERICKSBURG, VA. 1 day test								
Sanoma's Archer Girl 56637	E	31	Dec	1355.1	4.75	64.37		
Wallie's Queen of Glencairne 49721	C	12	Dec	501.5	5.31	26.63		
CHRISTENSEN, C., LA CROSSE, WIS.								
Beatrice of West Prairie 62586	G	167	Nov	469.6	5.69	26.72	3089.8	163.08
Imp. Beauty of Havilland Vineries 67004	F	273	Nov	430 3	4 99	21.47	5980.8	290 97
Blicq's King's Honeymoon 50125	D	132	Nov	472.3	6.43	30.37	2524.2	148.96
Blicq's King's Stella 55644	G	179	Nov	510.1	5.75	29.33	3629.5	187.91
Imp. Buttercup II. of the Padins 66994	F	253	Sept	621.3	5.12	31.81		
		284	Oct	576.8	4.97	28.67		
		314	Nov	553.1	5.41	29.92	6955.8	327.60
Imp. Dora of Les Cotils 67003	F	287	Nov	495.7	4.84	23.99	6075.7	294.61
Granny of West Prairie 58917	G	174	Nov	398.3	5.84	23.26	2909.2	153.42
Ladybell of West Prairie 58919	G	183	Nov	428.0	5.65	24.18	3400.4	174.60
Imp. Lil's May Rose of the Forgettes 67001	F	213	Nov	560.7	5.30	29.72	4969.2	271.52
Imp. Lucy of Havilland Vineries 67024	G	186	Nov	575.2	5.08	29.22	4485.1	205.89
Molly of West Prairie 58920	G	160	Nov	652.2	5 23	34.11	3776.3	182.04
Neotia 55361	F	272	Nov	534.2	5.06	27.03	6103.9	286.71
Imp. Roseline's Beauty 67015	G	275	Nov	438.5	5.09	22.32	5579.6	260.23
Imp. Rose of Highfield 66990	F	352	Nov	576.0	4.18	24.08	8402.6	368.14
Stella of Blicq's King 50124	D	150	Nov	512.2	5.70	29.20	3188.4	159.97
Imp. Sweet Maggie of the Gree 67014	F	141	Nov	436.3	6.06	26.44	2465.3	136.92
Imp. Sweet of the Simons 67019	F	176	Nov	554.1	4.94	27.37	3819.7	172.47
Imp. Topsy May of the Haut Chemin 66998	F	310	Nov	612.3	5.30	32.45	7174.8	350.09
Imp. Victoria II. of Herm 66999	F	279	Nov	604.6	5.24	31.68	6949.9	331.88
Imp. White Rose des Raies de Bas 67007	G	365	Nov	223.2	6.55	14.62	6855.3	390.68
CLUETT, G. A., WILLIAMSTOWN, MASS.								
Belle of Green Meadow 61226	G	285	Dec	511.5	5.18	26.50	5543.6	278.34
Busy Bee of Green Meadow 42108	B	365	Dec	298.1	5.22	15.56	10758.4	500.83
Imp. Daisy III. of the Hall 35249	A	320	Dec	452.8	6.65	30.11	8652.0	484.45
Fanny of Green Meadow 61225	G	245	Dec	446.4	5.22	23.30	3884.0	189 95
Glenora of Green Meadow 56805	G	306	Dec	558.0	6.00	33.48	6375.3	354.70
Miron's Busy Bee of Green Meadow 56426	E	285	Dec	549.1	5.13	28.17	6362.7	317.50
Miron's Doris of Green Meadow 54710	F	285	Dec	622.8	5.41	33.69	6660.9	360.40
Miron's Lady of Green Meadow 54711	G	285	Dec	503.0	5.42	27.26	6330.5	323.40
Imp. Moss Rose V. of the Barras 36326	A	275	Dec	545.1	4.67	25.46	6565.6	280.99
Imp. Naftiaux Polly II. 36384	A	306	Dec	670.8	7.14	47.90	9558.3	566.77
Raymond's Busy Bee of Lewison 27247	A	284	Dec	553.0	5.08	28.09	8358.8	420.78
CONNECTICUT AGRICULTURAL COLLEGE, THE, STORRS, CONN.								
Lorin Masher 61496	D	77	Dec	1075.1	4.84	52.03	2806.9	126.45
COOPER, GEORGE C., SUPERIOR, WIS.								
Craigamoor Buttercup 49675	D	87	Nov	856.4	5.01	42.91	2583.1	129.25
Craigamoor Queenie 56145	G	326	Nov	609.5	5.31	32.36	8007.5	393.84
Lady Liene of Craigamoor 36570	A	310	Nov	443.1	5.92	26.23	7460.1	378.39
Imp. Queenie of the Duvaux 26946	A	359	Nov	410.2	5.57	22.85		
		365	Dec	74.2	5.57	4.13	8759.4	459.11
COOPER, MINNIE A., SUPERIOR, WIS.								
Craigamoor Cosette 43206	A	83	Nov	895.6	5.38	48.18	2791.5	153.21
Craigamoor Cosette 2d 57022	G	326	Nov	534.9	5.68	30.38	7292.0	376.56
Craigamoor Phoebe 42484	A	61	Sept	1137.1	4.55	51.74		
		92	Oct	1081.4	5.11	55.26		
		122	Nov	982.0	4.83	47.43	4475.9	204.43
Imp. Duvaux Lily III. 26947	A	359	Nov	549.9	5.64	31.01		
		365	Dec	110.8	5.64	6.25	10154.9	525.28
CRAFT, HARVEY C., GLEN COVE, N. Y. 1 day test								
Imp. Rosemary du Grande Belle 44581	A	325	Dec	550.6	5.37	29.57	10256.2	487.36
Imp. Rosemary of Matinecock 45647	D	309	Dec	746.4	5.11	38.14	10466.3	457.44
CUMMINGS, JAMES H., WERNERSVILLE, PA. 1 day test								
Beauty's Dimple of Oakwood 52396	F	365	Nov	423.9	4.62	19.53	7633.7	349.35
Bessie Belle of Guernsey and Mule Farm 34040	A	214	Nov	756.7	4.00	30.27		
		245	Dec	626.4	4.85	30.38	7495.9	316.23

FROM THE GUERNSEY WORLD

comment. Suffice it to say that get of Imp. King of the May 9001 has twice won the most coveted of all prizes, get of sire at the National Dairy Show and the get of his grandson has won the same honor once. The winnings of his daughters and the daughters of his dam were the sensations of the 1912 and 1914 shows.

Pride of Birth 18443 was never shown. Her dam, however, was first and grand champion at the St. Louis World's Fair, her sire produced the first prize get of sire and her granddam produced first produce of cow, both the latter winnings at the World's Fair.

With such a combination of blood lines both from a production and show ring standpoint, it would seem as if Falcon's Flight Farms has really secured one of the choicest youngsters in the Guernsey breed. Bred, as he will be, to some of the cows that are making such large records at the present, he should produce offspring that will bear watching.

—WALTER A. COOK, Mgr.

Indiana

Guernsey Calf Club in Indiana

A pure bred Guernsey Calf Club is being organized by the Farmers' State Bank of Lebanon, Boone County, Indiana. The organization work is being carried out under the leadership of M. E. Cromer, County Agent, and C. R. George, State Leader of Dairy Extension work. It is the ambition of those in charge to have twenty-five members each owning a pure bred Guernsey calf of high quality. The hearty cooperation that is being given by local business interests would indicate that this will be possible.

Mr. P. H. Crane and brother, Guernsey breeders, have offered to club members the free use of their herd bull in breeding these heifers. This bull is a most excellent son of Langwater Hambro 21011 and out of Stranford's Derinna 28602 with a record of 13868.9 pounds of milk and 650.1 pounds of butter fat. The members are indeed fortunate to have this privilege even with a service fee required, and it should be an important factor in stimulating membership in the club.

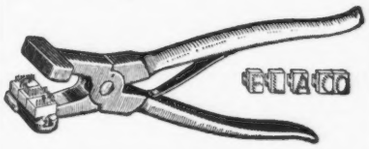
Announcement to Guernsey Breeders

The most improved and **only** lasting method of marking your cattle is with the

AUSTIN TATTOO EAR MARKER

Put Efficiency

Into your herd record keeping by tattooing your cattle with this efficient implement.



It affords the only means of identifying your cattle permanently—the tattoo mark.

PRICES:

EVERYTHING POSTPAID

1 Marker (3 letter size) . . . $3.25
1 Set numerals—0 to 9 . . . . 3.10
1 Tattoo ink stick 1.05
Complete alphabet (26 letters) 6.50
Extra letters or figures each .35

In order to make your record-keeping complete, it will be necessary to have one marker, one or more sets of figures, and one tattoo ink stick. You need one set of figures to number up to 10, two sets to number up to 110, three sets beyond, etc. A system of letters and figures may be used, in which case a set of letters will be needed.

LASTS FOR LIFE.

Our Guarantee — Our marker must please you or we will refund your money. You take absolutely no chances.

Orders filled promptly.

Write today, and make all checks payable to

The American Guernsey Cattle Club

PETERBORO, N. H.

Imp. Blue Bell of the Preel VI. 68668	F	244	Nov	669.8	4.43	29.67		
		275	Dec	643.2	4.71	30.29	6876.1	304.12
Electa C. of Homestead Farm 50003	D	144	Nov	506.7	4.57	23.16		
		175	Dec	495.7	5.31	26.32	3677.7	173.51
Imp. Florry's Beauty III. of La Contree 68660	E	244	Nov	41.7	6.15	2.56		
				35.8	5.67	2.03		
		275	Dec	621.7	5.67	35.25	4079.0	230.32
Imp. Poundstock of Millmount IV. 68665	F	244	Nov	535.8	6.01	32.20		
		275	Dec	448.2	6.58	29.49	5637.9	319.68
CURTIS, CHARLES W., MARLBORO, MASS.								
Cloverleaf Homestead 49613	C	235	Dec	788.7	4.90	38.65	6413.0	324.98
Ellenwood Beauty 36922	A	296	Dec	887.8	5.10	45.28	11175.8	526.73
Ellenwood Beauty 2d 55217	G	365	Dec	483.4	4.84	23.40	11443.6	535.44
Ellenwood's Nonesuch 40123	B	365	Nov	250.5	5.78	14.48	10662.1	512.83
Lady Nellie of Paris 2d 65841	B	214	Dec	847.7	4.83	40.94	6408.6	324.73
Thelma's Princess of Hickory Hill 44345	C	294	Dec	449.5	5.65	25.40	8540.7	432.20
Turquoise of Wayland 58499	G	31	Dec	814.0	4.53	36.87		
DANE, ERNEST B., CHESTNUT HILL, MASS.								
Dawn of Roughwood 48220	D	228	Nov	547.4	5.85	32.02		
		259	Dec	579.0	5.74	33.23	7015.5	352.60
Demoiselle of Roughwood 54858	F	147	Nov	596.6	6.27	37.41		
		178	Dec	639.1	6.30	40.26	4161.4	227.15
Mayflower of Roughwood 48221	E	304	Oct	364.6	7.15	26.07		
		334	Nov	236.6	6.94	16.42	6608.7	358.93
DELAWARE COLLEGE, NEWARK, DEL.								
Glen Gable Gold Leaf 52281	D	31	Dec	1132.5	4.44	50.28		
Molly Rose O. D. 50617	E	269	Dec	780.2	6.19	48.29	8328.3	429.04
Pollyanna of Pencoyd 49196	E	181	Dec	977.1	5.00	48.86	6571.1	270.29
DOUGLAS, JAMES, KINGS BRIDGE, NEW YORK, N. Y.								
Imp. Billy's France Beauty of the Isle 38883	A	346	Nov	467.0	4.32	20.17		
		365	Dec	297.5	4.32	12.85	9961.1	426.11
Imp. Milk Stream II. 44576	A	365	Nov	263.5	5.86	15.44	8294.2	463.30
DUTTON, R. H., COLMAR, PA.								
Imp. Butter Girl of Les Landes 47190	C	154	Dec	698.7	4.21	29.42	3913.7	171.08
Imp. Clara's Sequel's Rose 53652	E	240	Dec	649.8	5.69	36.97	6000.8	293.35
Imp. Daisy VII. of the Vauxbelets 53655	E	261	Dec	491.0	5.06	24.84	5502.0	271.99
Imp Dewey's Star Glow of Rose Farm 53631	D	217	Dec	612.7	5.42	33.21	5002.3	246.21
Imp. Glendora III. of the Norgiots 53640	E	313	Dec	442.8	6.27	27.76	6932.1	369.40
Imp. Lady Glow of Rose Farm 55351	C	91	Dec	936.0	4.81	45.02	2952.4	116.00
Rosie of Pleasant Valley 37162	A	348	Dec	75.1	7.45	5.59	5691.8	367.28
Imp. Yearsley's Gladys IV. 53614	B	139	Dec	619.3	4.82	29.85	3189.3	146.35
EBY, MERVIN, WAKARUSA, IND.								
Betridge of Lookwell Guernsey Farm 50822	E	250	Nov	410.7	6.36	26.12		
		281	Dec	426.3	5.63	28.26	5917.0	332.91
Dorothy Dimple of St. Joe Valley 39083	A	275	Nov	608.2	4.73	28.77		
		306	Dec	536.6	4.84	25.97	8610.2	371.46
Esther's Lassie of Norwood 2d 59136	G	285	Nov	347.6	5.40	18.77		
		316	Dec	424.4	4.95	21.01	6069.6	276.87
Hambro's Jewel of Crane Farm 60989	G	263	Nov	383.8	6.28	24.10		
		291	Dec	417.5	6.13	25.59	5716.7	297.65
Sweet Bell 44509	C	244	Nov	550.9	4.71	25.95		
		275	Dec	452.2	4.79	21.66	7798.4	375.17
The Duchess of Sunset Lodge 27684	A	250	Nov	549.1	5.16	28.33		
		281	Dec	520.6	5.06	26.34	7712.6	321.43
EBY BROS., WAKARUSA, IND.								
Maple Leaf Dove 52441	E	162	Nov	737.4	4.63	34.14	4850.8	212.56
ERWIN BROS., NORTH LAWRENCE, OHIO.				**1 day test**				
Imp. Jane of the Gree 58331	F	31	Dec	893.8	4.70	42.01		
FESSENDEN, S. H., HOLLISTON, MASS.								
Primrose of Rockstone 61468	G	98	Dec	795.9	5.46	43.46	2693.3	147.00
Princess Christine of Rockstone 62014	G	92	Dec	721.1	4.78	34.47	2321.6	107.73
Triple Rose's May Queen 61126	B	108	Dec	1222.2	4.75	58.05	4144.7	188.46
FOX, A. W. & F. E., WAUKESHA, WIS.								
Belle of Guernsey Hill 28865	A	253	Dec	902.5	5.30	47.83	10748.0	446.78
Benton's Lady Chesterbrook of Ingleside 28672	A	299	Dec	1211.1	4.55	55.11	14558.7	621.60

Murdock's Merry Maid 24064	A	170	Dec	984.5	5.65	55.62	6142.7	300.84
School Girl of Waukesha 35369	A	289	Nov	428.5	5.91	25.32		
		320	Dec	385.4	6.23	24.01	6682.4	373.38
Silver Queen of Granite Hill 57372	F	31	Dec	973.8	3.87	37.69		
Spot of Guernsey Hill 28864	A	89	Dec	1464.6	4.46	65.32	4243.1	167.86
Thelma Glenwood 2d 35710	A	323	Dec	730.0	5.83	42.56	9980.8	475.37
Ulao's Gem 34458	A	239	Nov	766.4	4.45	34.10		
		270	Dec	669.6	4.43	29.66	7887.1	356.36
FRAZIER, F. P., IPSWICH, MASS.								
Fairy of Uplands 63955	G	4	Nov	108.5	5.28	5.73		
		35	Dec	903.7	5.28	47.72	1012.2	53.45
Lotota of Upland Farms 52907	D	122	Dec	1047.2	5.56	58.22	4570.8	238.63
Lotota's Daisy of Uplands 59356	F	83	Dec	760.4	5.35	40.68	2194.7	110.77
Imp. Mera of les Prevosts 44563	A	245	Dec	766.8	5.79	44.40	7013.2	364.82
Imp. Upland's Clara 52699	E	285	Dec	842.4	7.28	61.33	8216.2	527.45
FRETZ, WILLIAM F., PIPERSVILLE, PA. 1 day test								
Fanny Rose of Fritzlyn 61486	G	92	Oct	574.2	4.76	27.33	1774.2	85.12
Fillpail of Fritzlyn 2d 43144	C	214	Oct	406.8	5.45	22.17		
		244	Nov	348.4	5.34	18.60		
		275	Dec	319.7	5.82	18.61	5674.1	270.55
Golden Noble's Fanny of Fritzlyn 58928	G	148	Oct	593.8	4.85	28.80		
		178	Nov	580.6	5.61	32.57		
		209	Dec	574.0	5.34	30.65	4500.2	217.89
Imp. Irish II. of the Bordage 53639	D	150	Oct	558.6	6.00	33.52		
		180	Nov	540.8	5.58	30.18		
		211	Dec	518.8	5.93	30.76	4423.3	239.72
Imp. Raymond's Pearl Violet 53630	E	299	Oct	309.5	6.30	19.50		
		329	Nov	237.3	7.13	16.92		
		360	Dec	225.0	7.19	16.18	6097.3	362.75
Roberts' Portia of Fritzlyn 54872	G	304	Oct	454.1	5.40	24.52		
		334	Nov	406.1	6.12	24.85		
		365	Dec	360.7	5.52	19.91	6731.0	338.66
Roberts' Zorah of Fritzlyn 58648	G	113	Oct	547.4	5.90	32.30		
		143	Nov	511.4	6.11	31.25		
		174	Dec	488.7	6.28	30.69	3089.2	171.62
FRUIT, E. J., PLATTEVILLE, WIS.								
Hollyhock Maid of Mineral Home 57198	F	179	Oct	673.7	5.16	34.72		
		209	Nov	634.3	5.02	31.84	4827.9	240.02
Lilac of Mineral Home 63467	G	19	Nov	585.8	3.52	20.62		
Lura May of Mineral Home 57199	F	72	Oct	1138.4	3.73	42.46	2645.2	93.70
Lura Roseleaf 46706	D	358	Oct	765.8	5.30	40.59		
		365	Nov	174.1	5.30	9.23	10505.3	511.59
Lura Maxalys 38832	A	211	Oct	729.1	5.73	41.78	6129.4	307.49
Lura Sequel 38830	A	309	Oct	907.2	5.31	48.17		
		339	Nov	888.5	5.59	49.67	12965.5	614.08
FRUIT BROS., WAUKESHA, WIS.								
Lady of Maple Hill 2d 56083	G	357	Nov	698.6	5.75	40.17		
		365	Dec	189.3	5.75	10.88	11734.9	577.12
Lady's Lass of Maple Hill 53123	F	348	Nov	718.0	6.06	43.51		
		365	Dec	369.9	6.06	22.42	11095.5	591.02
GRATWICK, W. H., BUFFALO, N. Y.								
Hero's Beauty of the Haut Pave 56218	F	214	Dec	315.4	4.08	12.87	2668.2	99.96
Imogene of Highlands 3d 51049	E	214	Dec	217.0	5.69	12.35	2498.9	122.67
GRINNELL, RUSSELL, EXETER, R. I. 1 day test								
Imp. Fanny IV. of the Echelle 50432	B	177	Dec	782.5	3.91	30.60	6472.4	273.89
John Q's Nora 57791	G	108	Dec	755.0	4.16	31.41	2772.3	116.40
Imp. May II. de la Seigneurie 50437	C	247	Dec	613.0	5.04	30.99	7578.4	341.91
Mixter Belle 58034	A	61	Dec	638.7	4.45	28.42	1457.2	74.26
HAARTZ, JOHN C., CAMPTON, N. H.								
Claremont Golden Ruth of Big Spring Farm 30404	A	18	Nov	570.3	4.79	27.32		
		49	Dec	1103.3	4.79	52.85	1673.6	80.15
Lady Royal of Pomeroy 38173	A	346	Dec	414.7	5.33	22.10	12301.5	554.52
L'Etiennerie Beauty 65225	C	24	Nov	667.4	4.46	29.77		
		55	Dec	922.0	4.46	41.12	1589.4	70.89
Mary of Follyland 49397	C	17	Dec	450.2	5.20	23.41		
Imp. Rose of Tregonning 67677	F	23	Nov	711.8	4.36	31.03		
		54	Dec	906.6	4.36	39.53	1618.4	70.56
Royal's Pearl 45209	D	324	Dec	954.8	5.30	50.60	15761.7	727.67
Sequel's Daisy of Pomeroy 47406	D	315	Nov	342.2	5.29	18.10		
		346	Dec	275.4	5.57	15.34	9575.3	443.55
Ultra Rose 58909	G	242	Nov	775.1	5.69	44.10		
		273	Dec	677.9	5.80	39.32	8231.6	401.54
HAMMOND, JOHN HENRY, MT. KISCO, N. Y.								
Enchantress of Dellwood 56697	G	365	Dec	373.4	6.04	22.55	10177.9	507.80

FROM THE GUERNSEY WORLD

Minnesota

Bull Sales Are Good

I wish to report the sale of three bulls of serviceable age and two bull calves this fall.

I sold Butler of Foulkes Farm 43215 to Mrs. R. Wilkie, Lake Elmo, Minnesota; Dorotha's Son of Foulkes Farm 44773 to Martin McGlennan, Hastings, Minnesota; Boy Blue of Foulkes Farm 43216 to A. G. Bork, Paynesville, Minnesota; a bull calf to Martin Karnuth, Lake Elmo, Minnesota and a bull calf to Earl Biddison, Sparta, Wisconsin.

I am just a beginner in the pure bred business, but from my experience so far, I believe there is a good demand for Guernsey cattle.

—E. F. Jones

Minnesota Guernsey Breeders' Association Meets

The Minnesota Guernsey Breeders' Association held their meeting in connection with the Minnesota Live Sock Breeders' Meeting, at University Farm, St. Paul, the first week in January. There were about forty Guernsey breeders present and the following subjects were discussed: "The Guernsey in the Cow Testing Associations," by L. V. Wilson, University Farm; "The Honor Roll Classes in Advanced Register Work," Charles L. Hill, Rosendale, Wisconsin; "How Can the Association Assist Its Members in Selling Male Animals," Charles Nelson, Litchfield, Minnesota; and "The Succession of Sires," George P. Grout, Duluth, Minnesota.

The officers elected for the ensuing year are as follows: George C. Stone, Duluth, president; John P. Nelson, Stillwater, vice-president; B. Bieri, Mound, secretary-treasurer; W. R. Adams, Mankato, and A. L. French Anoka, directors.

New York

Harbor Hill Notes

The demand for bulls and bull calves carrying a high percentage of the blood of Imp. Masher's Galore 8572 is very good. We have just shipped to Jules Breuchaud, Olivebridge, New York, the yearling bull, Triple Masher of Harbor Hill 39249. He is a son of Imp. Masher's Galore

8572 and his dam is Golden Masher's Lady 28012, with 14500.3 pounds of milk and 678.81 pounds of butter fat. This record was made with a defective udder. Golden Masher's Lady 28012 is a double granddaughter of Imp. Masher's Galore 8572. Triple Masher of Harbor Hill 39249 carries 75 per cent. of the Imp. Masher's Galore 8572 blood. On the 1916 circuit he was first prize senior bull calf and junior champion bull at the Connecticut Fair and second prize at the New York state and Trenton Fairs. A number of the best daughters of Imp. Masher's Galore 8572 in our herd are in calf to him.

To Herbert E. Ayres, Springfield Center, New York, we shipped Clover Blossom of Harbor Hill 65954. She was second prize senior heifer calf at the 1916 New York State and Connecticut Fairs. She is a daughter of Harbor Hill's Linden Masher 27831 and should make a creditable addition to Otsego County Guernseys.

To John Wilmoth, Ludlow, Vermont, we shipped Harbor Hill Aristocrat 46953. He is also by Harbor Hill's Linden Masher 27831, a son of Imp. Masher's Galore 8572. He is a full brother of Aristocrat of Harbor Hill 39246, being out of The First Dame 42712 with 568.67 pounds of butter fat in class B.

To Robert Bacon, Westbury, Long Island, we sold the aged bull, Champion of Harbor Hill 27832. We still have the privilege of breeding cows to him.

W. C. Baikie, superintendent of Hempstead House, the estate of Daniel Guggenheim, Port Washington, Long Island, selected Linden Anchor of Harbor Hill 43222. He is by one of our junior sires, Glenburnie Galore 34286 and out of Linden Girl 2d 72077. She is a daughter of the Class Leader, Linden Girl 42762 and by Harbor Hill's Linden Masher 27831, thus being a double granddaughter of Imp. Masher's Galore 8572. She has just started on Advanced Register work at three and one half years, and while not yet on full feed is milking forty-five pounds a day. Mr. Baikie is well known for his successful work in breeding and exhibiting the Castle Gould herd of Dexter Kerry cattle. When Castle Gould was purchased by Daniel Guggenheim he decided to add a select herd of Guernseys. Linden Anchor of Harbor Hill 43222 will be mated with such cows as Florham Charm 18718 and Imp. Bella de Carteret 37283, grand champion cow at the 1917 Trenton Inter-State Fair.

—C. H. Hechler

HARTSHORNE, ROBERT, HIGHLANDS, N. J.								
Crescent of Portland 34601	A	200	Dec	982.7	5.03	49.43	6994.4	297.42
Emma of Portland 54136	E	71	Dec	1070.2	4.29	45.91	2453.1	98.05
Gladys of Portland 38500	A	206	Dec	679.8	4.98	33.85	5818.6	252.80
Grace of Portland 32320	A	166	Dec	823.2	5.72	47.09	4751.5	234.57
Iona of Portland 39870	A	197	Dec	853.5	5.73	48.91	6355.6	300.13
Rose of Portland 52694	E	193	Dec	602.3	5.88	35.42	4013.2	187.88
Victoria of Portland 54133	E	153	Dec	856.4	6.17	52.84	4202.6	208.92
HASKELL, H. G., COSSART, PA. 1 day test								
Evelyn of Ostrich Farm 58931	F	117	Dec	705.7	4.62	32.60	2608.5	120.35
Tinka King 57888	F	151	Dec	545.1	4.13	22.51	2914.0	118.73
Imp. Violet II. of Hill Side 51167	B	98	Dec	573.9	4.91	28.18	2015.8	97.69
HASKELL, J. AMORY, RED BANK, N. J.								
Imp. Princess Rose of the Isle 51215	C	69	Dec	985.3	5.89	58.03	2288.6	114.07
Thea of Oak Hill 55440	G	350	Dec	502.3	7.15	35.91		
		365	Jan	235.4	6.89	16.22	8526.6	502.95
HENDEE, GEORGE M., SUFFIELD, CONN.								
Imp. Dolly of La Houguette 53782	A	231	Dec	596.5	5.02	29.94	5631.7	270.34
Imp. Fancy of the Clos Vivier III. 67017	F	231	Dec	522.8	4.90	25.62	4853.5	247.22
Imp. Pearl of Le Tertre 65760	F	231	Dec	344.6	5.89	20.30	4019.5	201.22
HILLS, E. E., SHREWSBURY, MASS.								
Belle of Bayside 39154	A	359	Dec	440.7	5.63	24.81	7957.6	442.28
Blanche of Bayside 44383	B	140	Dec	615.4	4.84	29.79	3684.3	184.80
Carwytham Queen 41121	A	287	Dec	960.2	5.57	53.48	10926.6	532.23
Carwytham Rosemary 41123	B	195	Dec	645.0	5.66	36.51	5732.0	289.72
Charity of Carwytham 53098	E	201	Dec	505.9	4.38	22.16	4712.7	210.99
Hillswold Mamie 53055	E	193	Dec	694.1	5.23	36.30	5333.7	265.73
Langwater Lady Fair 49697	E	329	Dec	472.0	4.90	23.13	6295.7	295.99
Pansy of Bayside 49324	E	267	Dec	560.1	4.62	25.88	7048.5	318.55
HOFFERBERTH, C. A., STERLING, VA. 1 day test								
Heartsease of Rich Neck 3d 60559	G	149	Dec	564.4	6.34	35.78	3213.4	182.88
HOLTON, MRS. GEORGE E., CATASAUQUA, PA. 1 day test								
Florham Bright 62695	G	92	Dec	773.5	4.42	34.19	2308.8	97.85
Florham Daphne 56565	G	304	Dec	628.3	4.89	30.72	7935.4	380.72

Florham Pretty 49692	D	206 Dec	592.7	4.72	27 98	4990.0	217.73
Kate Pie of Willow Brook 2d 46489	B	15 Oct	525.2	4.02	21 11		
		45 Nov	1161.7	4 02	46 70		
		76 Dec	1089 8	3.70	40.32	2776.7	108 13
Sunderland's Salome 45989	B	92 Dec	940.9	4.28	40.27	3085.7	138.02
HOUGHTON, CLEMENT S., SHERBORN, MASS.							
Clotilde of Stannox 58140	G	275 Dec	369.4	7.05	26.04	5400.2	333.29
Imp. Sequel's Christine of the Isle 48155	B	256 Dec	393 9	5 88	23 16	6135.1	322.03
Madeline of Waumesit 4th 39756	A	25 Dec	1013.3	5.70	57.76		
HULBURT, MRS. ALICE H., PETERBORO, N. H.							
Imp. Christine's Lily of Sarnia 75570	G	9 Oct	171.7	4.95	8.50		
		39 Nov	713 6	4.95	35.32		
		70 Dec	772.2	4.68	36.14	1657.5	79.96
HULBURT, CLARENCE H., PETERBORO, N. H.							
Imp. Dusky of Sarnia 59351	D	191 Nov	370.3	6 64	24.59		
		222 Dec	352.1	7.62	26.83	4079.2	238.06
HURLEY, H. C., ROCKVILLE, MD. 1 day test							
Lucy Locket of Rock Spring 20075	A	15 May	544.0	4.00	21.76		
		45 June	1165.5	4.33	50 47		
		76 July	1043 2	3.98	41 52		
		107 Aug	780 0	4 50	35 10		
		137 Sept	737.1	4 58	33 76		
		168 Oct	696.1	4.68	32.58		
		198 Nov	601.6	5.39	32.43	5567.6	247.62
Rena of Flintledge 42016	B	117 July	1124.4	4 09	45 99		
		148 Aug	864.6	4.46	38 56		
		178 Sept	730 7	4 73	34 56		
		209 Oct	555.2	5 25	29 15		
		239 Nov	405.6	5.85	23.73	6843.7	318.57
HURLEY, WILLIAM M., ROCKLAND, MASS.							
Imp. Daisy of Bickleigh 48374	A	355 Dec	743.3	6.10	45.34	12391.9	658 48
Jedetta's Queen of Iowa 52106	F	334 Dec	393.8	5.98	23.55	6679.3	346.70
Imp. Hartfield Rose of the Couture 8th 67882	E	153 Dec	659 5	5.47	36 07	3891.0	188.99
Mar's Blossom of the Prairie 57391	F	30 Nov	820 8	4.81	39 48		
		61 Dec	800.0	4.49	35.92	1620.8	75.40
Imp. Milton Moss Rose of Iowa 67874	E	327 Dec	595.7	6.08	36.22	8885.4	483.05
HYNICKA, RUD. K., LEBANON, PA.							
Butter Queen of Waukesha 38051	A	13 Nov	529 9	5.48	29 04		
		44 Dec	1260.2	5.48	69.06	1790.1	98.10
IOWA STATE COLLEGE, AMES, IOWA							
Masher Lady of Ames 58846	G	148 Nov	522.7	4.63	24.20		
		179 Dec	503.8	4.90	24.69	3325.6	142.90
JAMES, A. C., NEWPORT, R. I.							
Progress of Onunda 55248	F	99 Dec	806.4	5 04	40 64	2671.7	132 27
Raider Rose 55247	F	99 Dec	785.4	4.19	32.91	2670.3	112.28
JEAN DU LUTH FARM Inc., DULUTH, MINN.							
Imp. Flora III. of the Belles 44111	A	235 Dec	688 2	5 59	38 47	7229.3	366.17
Jean DuLuth Coronet 52816	E	254 Dec	926.4	4.60	42.61	8249.6	367.37
JONES, CHARLES H., WELLESLEY FARMS, MASS.							
Imp. Bonnie Nuit 4th 40642	A	245 Dec	360 8	5 91	21.32	5829 9	302.62
Imp. Butter Girl V. 52516	B	116 Dec	1222.6	4.53	55.38	4973.7	225 00
Deanie's May Rose 40400	A	45 Dec	1395.4	4 29	59 86	1887.7	82 16
Fillmore's May Rose 43455	B	50 Dec	1416.2	4 66	65 99	2165.1	105.08
Fillmore's Queen of the May 57551	G	247 Dec	721.2	5.18	37.36	6379.2	332.14
King's Deanie 2d 30700	A	365 Dec	266.7	5.43	14.48	10223.0	506 97
Imp. President's Italia 29151	A	266 Dec	938.1	5.35	50 19	11452 1	546.85
Imp. Princess of the Hall 51798	A	140 Dec	1196.5	4.64	55.52	6372.6	295.58
KATZ, ALMA D., & WIGHT, O. B., PORTLAND, ORE. 1 day test							
Imp. Ada of Chateau a l'etocq 54552	A	263 Oct	223 0	5.67	12.64		
		293 Nov	136 0	6 60	8 98	5523.4	306.96
Imp. Satinette of Edgemoor 58900	G	207 Oct	393.0	4.45	17.49		
		237 Nov	431.0	4.29	18.49	4137.1	181.14
KEENAN, M. G., ONEONTA, N. Y.							
Frolic's Favorite 19981	A	60 Dec	1403.8	3.72	52.22	2649.5	102.92
Frolic's Queen Elizabeth 57652	D	334 Dec	495.2	4.71	23 37	7298.0	341.01
Jolly Boy's Gem 37409	A	87 Dec	891.8	4.79	42.72	2827.0	134 57
Lovedale of Farview 47076	C	77 Dec	814.6	5.31	43.26	2047.9	106 90
Pine Grove's Star 55101	F	214 Dec	526.0	4.50	23.67	4463.3	205.01
Spring Brook's Hilda 33757	A	5 Nov	186.4	3.67	6 84		
		36 Dec	1299.0	3.67	47.67	1485.4	54 51

FROM THE GUERNSEY WORLD

Ohio

More About College Professors

I wish to congratulate the JOURNAL and A. A. Colley for the article on page forty of the January 15 issue. I an glad some one and a college graduate has spoken and that the JOURNAL in its broad mindedness has printed this article. With all due respect, the college professors are not capable of judging livestock in the show ring with few exceptions—Mr. Colley says it well. Personally, I have seen this in other livestock from dairy cattle. Judging teams visit our place each year and they go away leaving this thought in my mind. If that is the way you are going to place animals in the contest you will be a long way from right. While I am commenting on this, might I add that the American Berkshire Association took a long step forward in the matter of judges a year ago. Just for the reason that there would not be a change of type each season.

We have three judges for Guernseys at the National Dairy Show, an excellent plan. A year ago we had three corking good ones. Why not keep one man on for two years and each year appoint two new ones? That would give us a team with always one man who had been in the ring the year before, which ought to be of some value. We have ample men capable of passing on Guernseys to do this.

—W. O. Moss, Gates Mills.

Oregon

Oregon Guernseys Exchange Herds

The Springcrest Farm near Portland, has sold some valuable Guernseys for foundation stock to several new Guernsey breeders. O. D. Upton of Gaston, Oregon, owner of the great bull, Imp. Topsy's Sequel 32253, has secured the heifer recently fresh, Jeanette of Springcrest 63733, out of Imp. Jane of the Villette 50362 and by Imp. Ivy's Masterpiece 26916. He also purchased the third daughter of the same cow by Governor of the Chene's Grandson 34919.

A. B. Flint of Beaverton, secured Imp. Golden Horn of the Isle 50311 and Imp. Brilliant Fanny of La Grande Maison 57647. She was grand champion at the Portland Stock Show 1916.

ANNOUNCEMENT

GUERNSEY HOME FARM

LISBON, OHIO

ANNOUNCES ITS

Second Annual Auction

on Wednesday, April 17th, 1918

To be held in the sale pavillion in Guernsey Home Farm Barn. F. W. Andrews & Son, Auctioneers.

65 REGISTERED GUERNSEYS 65

In the coming offering will be heavy springing cows, about 30 Imported heifers bred, 15 to 20 heavy in calf bred to our May Rose Bulls, Festa's May Masher 28997, Hayes Raider of Waddington 36355. Some American bred heifers in calf. We expect to reserve in our breeding herd only some of the more aged cows with their progeny. Everything else will be offered. Will announce more particulars later. Get your name on mailing list for a catalog.

H. C. McCAMON & SON, Owners

Wilbert Kennedy of Vancouver, Washington, has secured to head his herd, Governor of the Chene's Grandson 34919. This bull was bred on the farm of J. C. Higgins, Delaware City, Delaware.

Edward and Chris Rieben of Banks have added to their well selected herd of pure breds, Imp. Jane of the Villette II. 50362 by Sir Henry 9620. Everything I have seen by that sire has been good.

The largest Guernsey buy in Oregon for years was made this week by W. A. Goodin of Cornelius. I sold him five cows and two heifer calves, three imported from Guernsey and the other two among the best producers I have developed. One, an Advanced Register cow, Sonsie of Waumesit 2d 29512, formerly owned by John T. Whalley, president of the Oregon Guernsey Association. The purchase also included: Imp. Kate of Belle Vue II. 50272 line bred from Princess Jewell 40265 the sire of her sire and of her dam; Imp. Jasmine of Castel 50355 by Flora's Sequel of Vimiera 25905 by St. John 846, Imp. Beauty of Brickfield X. 50346 by De Gare's Wonder R. G. A. S. 2441 P. S., Wilson's Pet 57125 out of Hazel Dodona 33631 by Golden Prince of Oregon

KINNEY, OSCAR F., ALBANY, N. Y.								
Flossie of Waldorf Farms 67133	E,	360	Dec	593.6	5.87	34.84	9589.3	508.35
Langwater Seamstress 40710	B	242	Dec	918.7	5.29	48.60	9153.3	429.42
Marcia of Waldorf Farm 67131	E	339	Dec	699.6	5.63	39.39	9180.0	451.10
Prophetess Fay of Waldorf Farm 70254	G	283	Dec	719.8	4.49	32.32	6920.6	291.84
KNOTT, F. W. & SON, NILES, MICH.								
Beauty Eagle Empress of Riverdale 55541	G	334	Dec	502.5	5.79	29.09	7461.3	372.16
Iris of Pleasant View Farm 57003	G	328	Dec	457.9	5.06	23.17	7155.1	333.65
KREBS, HENRY J., WILMINGTON, DEL.								
Aimable's Snowdrop of Oak Ridge 50932	D	31	Oct	1005.1	4.64	46.64		
		61	Nov	834.1	5.22	43.54	1839.2	90.18
Imp. Daisy Moon V. 34248	A	334	Nov	419.8	6.01	25.23	11289.1	526.17
Imp. Sarkie II. of le Bourg 34243	A	229	Nov	689.0	6.20	42.72	10155.5	518.62
LAPHAM, H. G., BROOKLINE, MASS.								
Langwater Easter Lily 39269	A	168	Dec	865.6	5.51	47.69	5705.1	286.09
Langwater Springtime 37854	A	211	Dec	898.3	5.42	48.69	7669.1	345.62
LAWSON, VICTOR F., GREEN LAKE, WIS.								
Alvilda of Springvista 39118	A	341	Nov	430.3	4.52	19.45	9733.9	428.93
Imp. Clovelly of Sarnia 65384	A	14	Nov	502.6	4.84	24.33		
Daisy of Sugar Bush 22929	A	329	Nov	453.0	5.10	23.10	8407.6	399.09
Doris of Hillside 56172	E	120	Nov	802.9	4.43	35.57	3269.6	138.96
Imp. Ena of Sarnia 65403	E	193	Nov	642.8	6.65	42.75	5231.0	301.73
Imp. Enchantress of Sarnia 65401	D	56	Nov	1016.0	3.86	39.22	1811.4	78.04
Imp. Encore of Sarnia 65412	E	124	Nov	616.5	4.98	30.70	2563.4	123.32
Glenwood's Materna of Inverness 49873	E	285	Nov	576.0	5.63	32.43	7416.0	368.93
Hillsdale Missy 46156	B	299	Nov	239.1	7.25	17.33	6351.3	368.03
Janice of Birchwood 41090	A	160	Nov	754.7	4.56	34.41	5139.5	204.88
Imp. Princess May of Sarnia 40215	A	115	Nov	644.0	5.55	35.74	2796.0	144.30
LINCOLN, ALFRED L., NORWELL, MASS.								
Silene's Primrose 34764	A	347	Dec	304.3	6.25	19.02	12109.4	586.62
LINDSAY, T. P., SOUTHBORO, MASS.								
Edith of Waumesit 34265	A	273	Dec	708.8	5.01	35.51	8811.5	444.49
Lucretia Rose of Waumesit 29511	A	139	Dec	909.3	5.18	47.10	5003.2	253.75
Lynbrook Farm's Archeress 47566	D	267	Dec	504.6	4.64	23.41	6669.2	303.87

LORING, ALBERT C., MINNEAPOLIS, MINN.								
Celestine's May Rose 55650	F	72	Dec	909.2	4.83	43.91	2100.9	98.51
Rosalie of Woodend 39337	B	326	Dec	1092.1	6.17	67.38	12344.5	688.92
Sunbeam's Dawn 5th 37791	A	301	Dec	615.0	4.53	27.89	9750.8	448.99
McALPIN, D. H., MORRIS PLAINS, N. J.								
Archeen 36261	A	258	Dec	833.8	4.79	39.94	7987.3	300.03
Daisy of the Chene 45583	C	258	Dec	716.8	4.94	35.41	7498.4	307.21
Masher's Antoinette 36940	A	245	Dec	596.4	5.25	31.31	6689.3	284.39
McKINNEY, PRICE, WICKLIFFE, OHIO								
Imp. Mimosa XVII. 31933	A	25	Oct	1215.2	4.40	53.47		
		55	Nov	1680.5	3.93	66.04	2895.7	119.51
Imp. Primrose of Balmoral 35414	A	92	Aug	1113.7	5.26	58.58		
		122	Sept	988.6	4.92	48.64		
		153	Oct	869.9	5.41	47.06		
		183	Nov	801.2	5.23	41.90		
		214	Dec	793.8	5.54	43.98	7056.4	352.25
MACKAY, CLARENCE H., ROSLYN, N. Y.								
Linden Girl 42762	A	251	Dec	1217.6	5.89	71.72	11669.3	560.12
Nivolette 2d 60799	C	333	Dec	1169.1	5.79	67.69	15163.5	703.73
Nivolette of Harbor Hill 52936	B	351	Dec	339.6	5.07	17.22	11992.4	518.08
Imp. Polly of La Croix 66125	A	250	Dec	880.4	5.61	49.39	10511.8	492.32
MACY, V. EVERIT, OSSINING, N. Y.								
Antoinette of Chilmark 24816	A	327	Dec	763.9	5.63	43.01	13190.5	653.21
MARKHAM, W. G., AVON, N. Y.								
Belle of Canandaigua 44832	C	334	Dec	631.8	6.65	42.01	10756.5	553.81
Edith of Esker View 63828	G	19	Nov	314.5	6.26	19.69		
		50	Dec	487.6	6.26	30.52	802.1	50.21
Miss Jessie France 62012	G	135	Dec	570.7	4.73	26.99	3159.5	144.52
Pancha of Farmington 58132	G	332	Dec	117.7	6.16	7.25	7719.4	390.49
Rose Apple 61899	G	19	Nov	406.4	4.59	18.65		
		50	Dec	595.7	4.67	27.82	1002.1	46.47
MERICKEL & NELSON, EAGLE BEND, MINN.								
Beauty of Englewood 41673	B	214	Sept	697.6	4.34	30.28	6358.3	250.48
Glenwood's Minnewaska 43405	B	214	Oct	578.6	5.35	30.96	5886.7	280.83
Glenwood's Pride of Pine Grove 41219	B	168	Sept	601.1	4.63	27.83		
		199	Oct	517.5	4.94	25.56	4838.3	229.53
Imp. Governor's Lady Carpathia 40189	B	303	Sept	586.8	5.13	30.10		
		335	Oct	506.5	5.16	26.14	7795.4	372.78
Lady Panama 41218	B	335	Oct	356.5	5.32	18.97	5135.4	342.13
Minnie of Englewood 41672	B	300	Sept	568.4	5.22	29.67		
		331	Oct	426.7	6.38	27.22	8996.2	443.06
Imp. Miss Vimiera of St. Croix 58208	C	190	Oct	657.4	5.25	34.51	5627.5	264.01
MERRYMAN, LOUIS McL., COCKEYSVILLE, MD.								
Ann of Gerar 62294	G	13	Sept	290.2	4.37	12.68		
		44	Oct	783.7	4.81	37.70		
		74	Nov	662.5	5.05	33.46	1736.4	83.84
Celia of Gerar 60704	G	10	Oct	222.4	5.61	12.48		
		40	Nov	747.2	4.93	36.84	969.6	49.32
Clare of Gerar 49122	D	262	Oct	1041.3	5.00	52.07		
		292	Nov	957.8	4.80	45.97	11710.1	530.58
Enchantress of Anna Dean Farm 55878	F	164	Oct	486.6	6.04	29.39		
		194	Nov	477.7	6.12	29.24	3423.9	185.65
Governor's Belle Vue 51914	D	5	Oct	99.7	5.64	5.62		
		35	Nov	706.7	5.36	37.88	806.4	43.50
Governor's Lady Baltimore 2d 56645	F	14	Oct	298.3	3.81	11.37		
		44	Nov	734.2	4.69	34.43	1032.5	45.80
Henrietta of Gerar 33624	A	13	Sept	511.6	5.66	28.96		
		44	Oct	1096.7	4.60	50.45		
		74	Nov	1222.4	4.98	60.88	2830.7	140.29
Hepsy of Locust Lane 72526	D	240	Oct	633.2	5.26	33.31		
		270	Nov	443.8	5.67	25.16	9126.6	431.71
Justina of Locust Lane 61541	A	117	Oct	838.2	5.03	42.16		
		147	Nov	768.5	4.85	37.27	4809.5	203.13
King of the May's Princess 56937	G	227	Oct	859.7	6.06	52.10		
		257	Nov	802.9	6.12	49.14	8270.8	409.96
Langwater May King's Honeymoon 53212	E	27	Sept	813.0	4.58	37.24		
		58	Oct	925.4	4.94	45.71		
		88	Nov	906.4	4.87	44.14	2644.8	127.09
Lillian of Locust Lane 72527	D	172	Sept	749.4	5.48	41.07		
		203	Oct	727.5	6.15	44.74		
		233	Nov	690.4	5.14	35.49	6270.6	320.90
Miss Belle of Locust Lane 73420	A	180	Oct	855.5	5.40	46.20		
		210	Nov	762.0	4.38	33.38	7022.1	299.87
Miss Rosedale 42683	B	144	Sept	1103.9	5.00	55.20		
		175	Oct	997.9	5.95	59.38		
		205	Nov	972.5	5.57	54.17	8204.0	392.92

FROM THE GUERNSEY WORLD

11912, purchased by me of the Oregon Agricultural College. She is the greatest milk cow I ever had experience with and has never failed to produce a heifer calf each year, a habit her mother had, which in her long life never had a bull calf. Success to the new owners.

—Clarence True Wilson

Vermont

F. S. Jackson of Fairview Lodge, Underhill, has sold to P. W. Holland of the same town, a grandson of Imp. France Jewel IX. 11368 and to C. L. Bartlett of Riverside, a great grandson of Governor of the Chene 1297 P. S. Guernseys are rapidly coming to the front in this section of the state.

Wisconsin

Guernsey Breeders Meet

The Manitowoc County Guernsey breeders assembled at the Court House, January 25, it being the sixth annual meeting. Mr. E. A. Onsrud of Peterboro, New Hampshire, a representative of The American Guernsey Cattle Club gave a very interesting talk on the work of the Club; how and when the Club was organized, also how much business was done the first year, and how the work has increased up to the present time. He also stated how many registered Guernseys of both sex there are in the United States. Also how many Guernseys there are in the state of Wisconsin

The county superintendent of schools gave an address asking the breeders to invite the teachers and their pupils to enter their barn and explain the feeding of cattle in regard to balanced rations. He said that the pupils would get more benefit by going right to the barns than to have the teacher teach them feeding dairy cattle at school. The superintendent also urged the members to try and get the County Board to hire a County Agent.

Mr. Joseph Connell also spoke to the members on the Federal Income Tax. At the afternoon session about sixty members were present.

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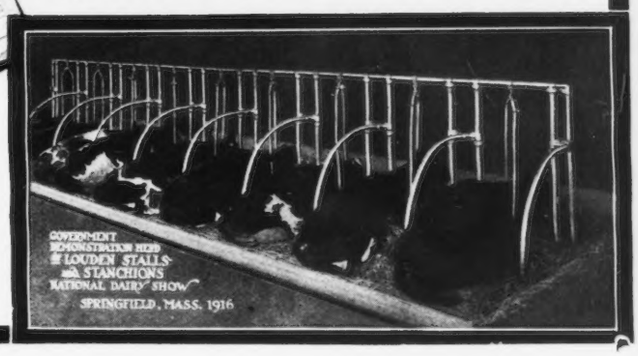


The election of officers and business meeting was carried on in the afternoon. The following officers were elected.

President, Fred A. Jacobs, Cleveland; vice president, N. T. Nelson, Manitowoc; secretary, George W. Kiel, Whitelaw; treasurer, Otis Marken, Valders; directors, Anton Berge, Valders, Hy Kolb, Cleveland,

—George W. Kiel, Sec'y.

General

Open Shed for Dairy Cows

In experiments at Beltsville, Md., by the Bureau of Animal Industry, United States Department of Agriculture, a warm barn, commonly deemed essential for large milk production during the winter months, proved to be somewhat less satisfactory than an open shed. Experiments extending over three years showed that cows housed in the open shed consumed a little more feed, required more bedding and slightly increased labor cost, but because more milk was produced and on account of the lower cost of housing, the open shed was found to be somewhat more conomical.

—Weekly News Letter

Princess Royal of Locust Lane 61544	G	133	Sept	832.6	4.83	40.21		
		164	Oct	848.5	4.88	41.41		
		194	Nov	790.0	4.88	38.55	5443.4	262.61
Rose of Gerar 53666	F	218	Oct	808.0	4.20	33.94		
		248	Nov	804.9	4.28	34.45	7003.6	309.16
MICHIGAN AGRICULTURAL COLLEGE, EAST LANSING, MICH.								
Carrie of Hillhurst 34864	A	272	Sept	917.0	5.83	53.46		
		303	Oct	835.9	6.22	51.99		
		333	Nov	637.5	5.79	36.91		
		364	Dec	505.4	5.35	27.04		
		365	Jan	13.7	5.35	.73	13216.6	701.80
MILLER, JOHN A., NAZARETH, PA.								
Arbutus of Harriton 58440	G	245	Dec	634.5	5.38	34.14	5425.9	272.22
Bud of Willow Brook 35382	A	210	Dec	859.0	5.45	46.82	7777.2	387.33
Fantinelily King 47932	C	198	Dec	1161.8	4.43	51.47	7267.5	314.55
Fan Woodburn 25026	A	245	Dec	751.7	4.75	35.71	6917.5	309.64
Gaiety's Daisy 48590	E	310	Dec	544.2	5.87	31.94	7717.6	403.30
Golden Butterfly of Ewing 58209	G	310	Dec	494.1	5.95	29.40	4920.0	267.79
Golden Rod of West View 38934	A	207	Dec	925.1	5.92	54.77	7174.2	395.26
Melora 31008	A	198	Dec	952.4	5.11	48.67	6533.0	315.17
Imp. Polly of Vimiera 75402	G	92	Dec	866.4	4.16	36.04	2427.6	105.65
Rockingham's Lady Ponchez 44294	C	295	Dec	675.0	5.44	36.72	8758.4	416.28
Sequel's Fantinelily 2d 53723	E	173	Dec	887.9	3.70	32.85	6029.4	223.84
MITCHELSON, ARIEL, TARIFFVILLE, CONN.								
Imp. Carrie of Clovelly 67000	F	355	Dec	299.4	5.56	16.65	6831.1	304.24
Imp. Daisy III. of la Moinerie 69279	F	295	Dec	591.2	5.85	34.59	7682.1	371.97
Imp. Donnington Fawn 4th 59864	D	354	Dec	240.3	5.89	14.15	6057.5	290.00
MIXTER, EST. GEORGE, HARDWICK, MASS.								
Chief's Bettie 48401	A	125	Dec	820.2	5.47	44.86	4094.9	215.92
Chief's Frieda 54265	B	170	Dec	813.2	5.12	41.64	5609.8	261.20
Duchess Select Rose 55343	A	73	Dec	874.5	4.63	40.49	2138.5	105.97
Hardwick Nun 48407	A	222	Dec	507.9	5.67	28.80	5233.8	264.62
Mixter Demonstrator's Oakleaf 62973	E	31	Dec	712.9	4.99	35.57		
Mixter Elizabeth 62943	D	20	Nov	411.7	5.43	22.36		
		51	Dec	613.5	4.93	30.25	1025.2	52.61

Mixter Elsie 48385	A	349	Dec	726.6	5.13	37.27	11942.8	560.66
Mixter Fairy 54263	B	287	Dec	670.5	4.77	31.98	8328.4	382.23
Mixter Faith 48711	A	113	Dec	997.5	5.25	52.37	3770.5	190.24
Mixter Felois 48402	A	231	Dec	593.7	6.47	38.41	5710.5	316.04
Mixter Gemina 62958	E	108	Dec	608.8	5.38	32.75	2280.1	117.13
Mixter Geraldine 53580	A	265	Dec	550.0	6.14	33.77	7012.6	370.04
Mixter Gordon Dean 62983	F	142	Dec	668.6	5.04	33.70	3222.1	146.64
Mixter Lara 58058	D	207	Dec	714.0	5.52	39.41	6352.8	277.45
Mixter Lass 58049	C	209	Nov	511.6	5.26	26.91		
		240	Dec	518.4	5.41	28.05	5678.9	269.14
Mixter Mabel 59804	E	267	Dec	658.5	5.46	35.95	7124.4	356.52
Mixter Mabel of Hardwick 59805	E	306	Dec	381.6	5.18	19.77	7302.7	364.29
Mixter May Dean 62941	E	233	Dec	607.9	4.66	28.33	5421.0	248.83
Mixter Muriel 58071	B	18	Nov	371.7	5.09	18.92		
		49	Dec	832.7	5.09	42.38	1204.4	61.30
Mixter Nan 48406	A	213	Dec	894.6	4.97	44.46	7007.7	328.84
Mixter Oakleaf 48419	A	249	Dec	845.3	5.81	49.11	8046.8	396.74
Mixter Prophetess 54248	A	9	Nov	202.9	4.54	9.21		
		40	Dec	860.1	4.54	39.05	1063.0	48.26
Mixter Queen of Hardwick 62966	F	303	Dec	566.2	4.77	27.01	7547.6	333.49
Mixter Vale 58042	B	143	Dec	725.5	4.56	33.08	4234.9	185.62
Mixter White Spot 62942	E	242	Dec	526.8	5.83	30.71	6223.4	324.99
Norfolk Select 54266	A	11	Nov	298.8	5.43	16.22		
		42	Dec	981.7	5.43	53.31	1280.5	69.53
Norfolk Wasp 48424	A	144	Dec	789.6	4.53	35.77	4389.1	183.07
Portia of Mixter Farm 58038	B	18	Nov	386.5	4.75	18.36		
		49	Dec	868.7	4.75	41.26	1255.2	59.62
Thirty Thousand Six Hundred Ten 30610	A	234	Dec	929.9	4.17	39.19	8073.7	332.49
Thirty Thousand Six Hundred Seventy One 30671	A	365	Dec	604.8	5.10	30.84	12498.7	593.46
Thirty Thousand Eight Hundred Twenty Four 30824	A	358	Dec	542.9	5.66	30.73	10475.7	540.83
Thirty Thousand Eight Hundred Thirty Five 30835	A	262	Dec	838.8	5.50	46.13	9007.0	432.90
William's Nobska 54246	A	199	Dec	745.0	5.35	39.86	5524.2	276.76
Yeoman's Mixter Bluebird 62979	G	319	Dec	437.3	5.87	25.67	6750.8	358.53
Yeoman's Mixter Germania 62982	F	177	Dec	499.6	5.29	26.43	4023.0	192.31
Yeoman's Mixter Glamour 62967	E	31	Dec	877.5	5.07	44.49		
Yeoman's Mixter Laramie 62980	G	167	Dec	582.5	5.30	30.87	4010.0	194.19
Yeoman's Mixter Melody 65856	F	70	Dec	849.1	4.49	38.12	1928.7	92.64
MOODY, MARK H., WATERBURY, VT.								
Betty Masher Hope of Winnisquam 51881	F	365	Oct	289.8	5.27	15.27	7711.0	339.68
Flossie of Bonny Mead 36246	A	254	Oct	362.3	6.61	23.95		
		284	Nov	313.3	6.02	18.86		
		315	Dec	295.6	6.54	19.33	6026.1	332.53
Lady Hectoria's Winnisquam Lass 51879	F	365	Oct	63.4	5.73	3.63	6140.2	304.05
Martha Winn 45271	D	330	Oct	461.2	5.20	23.98		
		360	Nov	431.1	5.05	21.77		
		365	Dec	60.5	5.05	3.06	8908.9	392.64
Mollie Hope's Lesbia Pet of Winnisquam 55618	F	174	Oct	491.3	5.10	29.97		
		204	Nov	477.0	5.05	24.09		
		235	Dec	536.8	5.82	31.24	5040.5	262.91
Myra's Jewel's Winona of Winnisquam 50672	F	352	Sept	364.6	5.07	18.49		
		365	Oct	111.5	6.61	7.37	6891.0	298.12
Nancy of Bonny Mead 46864	D	365	Oct	154.2	5.56	8.57	7242.9	372.03
Queen Masher of Winnisquam 51880	F	335	Oct	326.1	5.24	17.09		
		365	Nov	318.4	5.46	17.38	7376.1	353.51
Rita's Lesbia Princess of Winnisquam 55619	F	128	Sept	707.5	5.06	35.80		
		159	Oct	530.8	5.70	30.26		
		189	Nov	537.4	4.75	25.53		
		220	Dec	527.9	5.24	27.66	4903.9	238.79
Theda of Bonny Mead 53078	F	341	Oct	340.8	6.62	22.56		
		365	Nov	262.7	6.05	15.89	6057.2	338.23
Valverda 18673	A	273	Oct	358.8	5.66	20.31		
		303	Nov	382.4	6.19	23.67		
		334	Dec	393.9	6.32	24.89	5881.8	319.94
MOORE, PAUL, CONVENT, N. J.								
Imp. Miss Rosey of Les Pages 69276	F	365	Dec	817.9	5.14	42.04	9923.5	485.68
MORLOCK, AUGUST, WATERVLIET, MICH.								
Ella's Florence V. 41352	B	301	Dec	407.5	4.56	18.58	6626.5	300.38
Glenwood's Princess Thelma 37446	A	291	Dec	612.2	4.79	29.32	7795.5	383.50
Harriett Polly Prim 53056	F	293	Dec	476.3	4.06	19.34	7060.6	293.85
Shirley Glenwood 53057	F	240	Dec	637.6	4.27	27.23	7302.8	306.15
MOSELEY, F. S., NEWBURYPORT, MASS.								
Duchess May of Maudesleigh 33162	A	275	Dec	833.9	5.13	42.78	10979.6	514.80
Duchess May Rose of Maudesleigh 62315	D	31	Dec	1371.7	5.45	74 76		

FROM THE GUERNSEY WORLD

Cow Testing Associations Grow

Cow testing associations, as a result of work by the Bureau of Animal Industry, United States Department of Agriculture, have continued to increase until now there are 472 active associations composed of 12,088 dairymen owning 216,831 cows. The past year showed a gain of 37 per cent. in number of associations. The cows tested are approximately 1 per cent. of all the dairy cows in the United States. The most noticeable development has been in the Western States.

—WEEKLY NEWS LETTER

The Battle Cry of Feed 'Em

Yes, we'll rally round the farm, boys,
We'll rally once again,
Shouting the battle cry of Feed 'Em.
We've got the ships and money
And the best of fighting men,
Shouting the battle cry of Feed 'Em.

The onion forever, the beans and the corn,
Down with the tater—it's up the next morn—
While we rally round the plow, boys,
And take the hoe again,
Shouting the battle cry of Feed 'Em.

—FRED EMERSON BROOKS ("Patriotic Toasts")

—WEEKLY BULLETIN

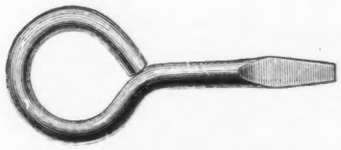
New Stock Feeds

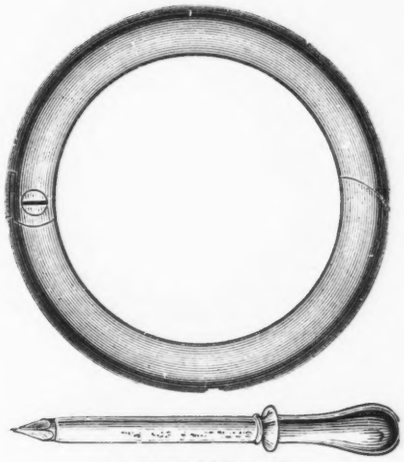
Experiments recently made with a new balanced ration for live stock by Ralston Cargill, who operates a velvet-bean meal mill at Americus, Georgia, have led to a promising new stock food. Cull sweet potatoes were brought in from the fields and run through hammer mills, which grind them to a dry paste, and this paste was mixed with velvet-bean meal. Velvet-bean meal is rich in fat and protein, and the ground sweet potatoes add a balancing proportion of carbohydrates. This mill has also experimented with cattle meal made from corn husks and para grass, the latter a product of Florida.

—WEEKLY BULLETIN

Bottle Breakage in Milk Costs

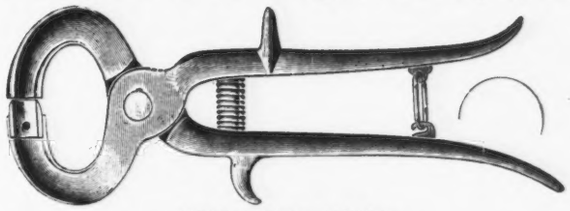
Bottle breakage is a serious item of waste in the milk business, adding to the cost of the milkman's delivered





	Prices	Each	dozen
BRONZE CANNON METAL 3½ in. Strongest Ring made		1.30	$15.00
EXTRA HEAVY POLISHED COPPERS 3 in.		.50	5.50
2½ in.		.45	4.90
MEDIUM WEIGHT POLISHED COPPER 3 in.		.35	3.75
2½ in.		.30	3.10
2 in.		.25	2.85
LIGHT WEIGHT COPPER 3 in.		.25	2.85
2½ in.		.20	2.20
ALUMINUM—Light and Strong 2½ in.		.35	3.75
POLISHED STEEL 3 in.		.25	2.85
POLISHED COPPER—Self Piercing 3 in.		.40	4.40
2½ in.		.35	3.75

These prices for Bull Rings delivered prepaid



BULL NOSE AWL
$1.00 each delivered

BULL NOSE PUNCH
$1.50 each delivered

SEND FOR CATALOG SHOWING 500 OF OUR DAIRY SPECIALTIES

THE MOORE BROS., 149-155 Hudson Avenue Albany, New York

products. Delivery breakage is small compared with that in the milk bottling plant, where bottles are broken during washing. Much of this breakage is preventable, says H. A. Moon, writing in the Milk Trade Journal, and the high cost of bottles, together with pressure upon the glass industry, makes it necessary to reduce losses as much as possible. Glass used in milk bottles is a quality made to resist rough handling but sacrificing elasticity. Having a small coefficient of expansion, milk bottles break easily when heated too quickly or cooled too suddenly. This may be prevented by the use of an accurate thermometer to control temperatures in wash tanks, which vary greatly in the different compartments where uncontrolled and cause breakage. In a five-compartment automatic wash tank the following temperature range is advised:

No. 1, For soaking, 110° F., reduced as low as 90 in cold weather.

No. 2, 120 to 130°.

No. 3, 130 to 150°.

No. 4, 150 to 170°.

No. 5, As near 212° as possible, the boiling point, for sterilization.

Where temperatures were controlled in one bottling plant experiencing

Duchess Royal of Maudesleigh 62317	G	212	Dec	609.2	6.13	37.34	5336.8	308.00
Royal Bo Peep of Maudesleigh 54847	F	214	Dec	617.0	5.26	32.45	5311.4	269.43
OGLEBAY, E. W., WHEELING, W. VA.								
Raider's Beta Lily of Waddington 59903	G	245	Dec	750.8	6.05	45.42	6653.3	360.26
Raider's May Star of Waddington 57243	G	245	Dec	729.7	5.42	39.55	6459.6	342.59
Raider's May Wort 48110	E	354	Dec	494.8	5.94	29.39	10686.3	518.93
Raider's Rosetta of Waddington 57242	G	204	Dec	827.6	5.90	48.83	5908.3	309.96
Waddington Muress 52938	F	275	Dec	778.5	4.38	34.10	8077.1	347.96
OHIO STATE UNIVERSITY, THE, COLUMBUS, OHIO								
Kaloolah's Maid's Valentine 60497	G	214	Oct	545.4	4.74	25.85		
		244	Nov	478.9	5.70	27.30		
		275	Dec	497.7	5.56	27.67	5586.1	267.06
PERSON, E. S., MINOT, N. D. 1 day test								
Lady Glenwood of Minot 59312	G	275	Dec	370.2	6.61	24.47	5774.7	315.70
Lura Marshall of Elmwood 42366	B	164	Nov	744.9	6.28	46.78		
		195	Dec	568.8	6.35	36.12	6048.8	330.34
May Queen of Pomeroy 57443	G	365	Dec	254.0	7.11	18.06	8497.8	462.88
Imp. Raymond's Sweet Maid 50304	B	221	Dec	589.1	5.46	32.16	7111.0	355.68
PIERCE, A. J., BENNINGTON, N. H.								
Imp. Blanche Heba of Les Pelleys de Bas 69268	E	153	Dec	557.9	5.90	32.92	3657.3	205.75
Imp. Governess of Pleinmont 69292	G	92	Dec	479.3	5.20	24.92	1816.7	95.77
PYNE, PERCY R., BERNARDSVILLE, N. J.								
Chaperon of Upton Pyne 54222	G	346	Dec	604.0	6.24	37.69	9500.9	501.88
RANSOM & KISSINGER, RANSOMVILLE, KANS. 1 day test								
Alberta of Ransomville 23329	A	118	Dec	849.1	5.30	45.00	3532.9	177.04
Imp. Bijou of the Echelle III. 69281	F	302	Dec	450.2	5.38	24.22	5625.0	254.52
Dolly of Ransomville 47404	A	275	Dec	307.7	6.09	18.74	5164.8	284.03
Imp. Donnington Goldie 6th 65902	G	266	Dec	465.8	6.60	30.74	5814.2	307.56
Kansas Dolly R. 59680	F	92	Dec	624.8	5.50	34.36	2013.8	108.79
Lassie of Ransomville 52069	F	302	Dec	329.2	7.78	25.61	4555.3	295.49
Mollie's Hope 55502	F	110	Dec	475.7	5.81	27.64	1943.0	97.64
ROBERTS, T. W. & I. W., BALA, PA.								
Clover of Pencoyd 3d 48274	D	298	Dec	948.0	7.04	66.74	12508.1	688.86
Diana of Pencoyd 38586	A	10	Nov	503.6	5.35	26.94		
		41	Dec	1951.7	4.68	91.34	2455.3	118.28

Golden Maple of Pencoyd 31296	A	92	Dec	1104.7	5.69	62.86	3575.9	192.20
Little Nell of Pencoyd 49195	D	163	Dec	977.2	5.29	51.69	7366.5	323.44
Nella Jay 3d 35082	A	297	Dec	1277.0	5.17	66.02	14374.3	668.03
Nella Jay 4th 38233	A	275	Dec	1646.1	4.95	81.48	15896.1	760.49
Nella Jay 7th 62540	F	184	Dec	1075.6	4.93	53.03	6513.9	297.06
Pencoyd Rose 42432	C	284	Dec	682.2	6.06	41.35	11660.2	509.65
Quaker Maid of Pencoyd 24233	A	106	Dec	1674.3	4.65	77.85	5839.0	274.63
Queen of Salemtown 2d 23371	A	108	Dec	1480.0	5.35	79.18	5326.1	263.95
Queen Salem of Pencoyd 62539	D	184	Dec	1082.4	5.85	63.32	7098.9	359.35
Red Rose of Pencoyd 36494	A	234	Dec	725.2	5.61	40.68	7609.1	360.14
Red Rose of Pencoyd 2d 62132	D	182	Dec	1225.7	4.84	59.32	7830.5	336.74
Rose of Pencoyd 27300	A	196	Dec	1448.0	5.44	78.77	9493.5	473.41
ROTHWELL, JAMES E., COTUIT, MASS.								
Lady Dolly of Rosemead 36567	A	184	Dec	921.9	4.55	41.95	5367.5	237.88
Lady May of Rosemead 61032	G	61	Dec	876.8	4.23	37.09	1703.2	72.29
May Bishop of Rosemead 52669	E	27	Dec	1147.3	3.99	45.78		
Imp. May Queen of Duvaux III. 65756	F	202	Dec	889.0	5.42	48.18	6754.9	338.70
Imp. Nelly of the Hubits 75370	E	31	Dec	897.8	4.17	37.44		
RUSSELL, B. F. W., PETERBORO, N. H.								
Barney's Galahad's Alexandre 56733	F	26	Nov	599.8	4.20	25.20		
		57	Dec	750.1	4.65	34.88	1349.9	60.08
Lily of Five Paths 3d 46160	B	12	Nov	225.1	4.54	10.22		
		43	Dec	577.5	4.54	26.22	802.6	36.44
RYAN, THOMAS F., OAK RIDGE, VA.								
Aimable's Fanny of Oak Ridge 56941	G	238	Nov	621.2	6.39	39.69		
		269	Dec	565.9	6.95	39.33	5963.3	343.60
Imp. Beauty III. du Douvre 34254	A	334	Sept	545.9	7.29	39.80		
		365	Oct	426.9	7.05	30.10	12493.0	768.54
Emma of Alfalfa Farms 31057	A	244	Nov	813.3	5.26	42.78		
		275	Dec	718.4	5.77	41.45	9407.6	479.81
Lillie of Alfalfa Farms 31055	A	22	Oct	793.9	4.61	36.60		
		52	Nov	1271.2	5.35	68.01	2065.1	104.61
Maggie of Oak Ridge 45110	A	210	Nov	735.6	6.14	45.17		
		241	Dec	644.1	7.33	47.21	7209.4	427.99
SCOVILLE, ROBERT & HERBERT, TACONIC, CONN.								
Grasslands Liliana 73375	G	268	Dec	616.8	5.12	31.58	6730.3	306.42
Mary Girl 72827	F	241	Dec	419.2	5.08	21.30	4990.5	235.22
SEARS, EDMUND H., WAYLAND, MASS.								
Janet of Indian Bridge 53524	F	306	Dec	579.4	5.74	33.26	6868.9	356.00
SMITH, FRANK M., SPRINGFIELD CENTER, N. Y.								
Anita of Elmhurst 48044	C	15	Dec	617.8	5.16	31.88		
Arabella of Broad Acres 59241	G	71	Dec	909.3	4.44	40.37	2161.8	97.61
Bell of Broad Acres 51031	D	12	Dec	445.9	5.13	22.87		
Ceres of Broad Acres 59239	G	201	Dec	599.5	5.22	31.29	4705.8	241.94
Diana of Broad Acres 59242	G	106	Dec	716.3	4.45	31.88	2586.2	111.10
Fay of Hammond 42183	A	327	Dec	832.4	4.95	41.20	12799.7	634.36
Gem of Broad Acres 55967	F	18	Dec	588.9	4.29	25.26		
Glenwood Girl of Springfield 2d 42750	A	12	Dec	496.7	5.44	27.02		
Golden Gem's Pride of Crest View 25709	A	240	Dec	692.5	4.61	31.92	8989.3	400.05
SMITH, LOUIS E. P., HOLLISTON, MASS.								
Pride of Linda Vista 41038	B	365	Dec	377.5	6.00	22.65	11148.6	586.24
Imp. Ravenscroft Violet 45016	A	84	Dec	894.1	4.47	39.97	2517.8	113.92
STAPLETON, THOMAS, HARTLAND, WIS.								
Polly of Shady Gulch 47680	B	8	Oct	249.2	4.24	10.57		
		38	Nov	1090.2	4.24	46.22	1339.4	56.79
STEVENS, MRS. FRANCIS K., GLADSTONE, N. J.								
Bethelan 2d's Second Daughter 44958	C	271	Dec	516.2	6.74	34.79	6761.2	362.81
Marcia of Upton Pyne 46316	D	313	Dec	519.2	5.30	27.52	7519.7	336.82
STONE, MRS. STEVEN S., RIDGELEY, MD.								
Imp. Galaxy's Lady Christine 35003	A	20	Sept	686.2	4.93	33.83		
		51	Oct	1046.0	4.59	48.01		
		81	Nov	928.2	4.86	45.11		
		112	Dec	762.8	4.81	36.69	3423.2	163.64
STRAWBRIDGE, MRS. E. W., MOORESTOWN, N. J. 1 day test								
Golden Yellow Rose 36665	A	245	Dec	655.6	5.64	36.98	7102.6	328.79
Pinehurst's Mollie Rose 54183	E	225	Dec	376.7	4.03	15.18	5383.4	232.59
Pinehurst's Pride 54182	E	162	Dec	397.0	5.32	21.12	3152.3	151.75
TABER, EST. HARMON E., CASTILE, N. Y. 1 day test								
Alice T. 22232	A	262	Dec	497.9	6.20	30.87	8295.9	409.24
Penta 43707	C	218	Dec	574.2	5.35	30.72	6640.4	327.32
Rebecca of Maple Row 57790	G	261	Dec	430.4	6.31	27.16	4937.0	268.10
Reservation Charlotte 39961	B	365	Dec	64.2	6.28	4.03	6813.6	392.77
Vanguard's Rainbow 58525	G	331	Dec	338.3	7.85	26.56	6642.5	377.75

FROM THE GUERNSEY WORLD

heavy breakage, this schedule led to saving of $780 a year.

Loss of milk bottles through failure of consumers to return them to milkmen and grocers is another heavy item of expense in dairy products, and amounts to five to seven car loads yearly in a city like Springfield, Ohio, with 60,000 people. Milkmen are advised by Dr. C. L. Babcock, dairy and food inspector in that city, to charge each grocer for bottles, and induce the grocers to charge consumers in turn, refunding the amount when bottles are returned.

Savings by the Dairy Industry

Minnesota is conducting a campaign for increase in cheese making, and it is said that the food equivalent of 600,000,000 pounds of meat might be conserved in that State each year by the making of farm dairy cheeses. The milk production of 1,000,000 cows in Minnesota is used in butter making. According to a University of Minnesota bulletin each cow produces 4,000 pounds of milk nearly, a grand total of 4,000,000,000 pounds and butter making leaves 3,000,000,000 pounds of skim milk, which for human food, when made up into farm dairy cheese, would be equivalent to 600,000,000 pounds of meat.

Careless use of milk and creamery cans is one of the largest items of expense in the dairy and creamery industry, adding to the cost of dairy products. Shortage of steel and tin increase the seriousness of this waste during war times. Several large creameries have installed machines for straightening damaged cans and also retinning surfaces that have begun to rust. Proper washing and drying of cans with mouths down not only prevents rusting but eliminates rusty and metallic flavors in the milk and cream shipped in them.

North Carolina is among the Southern States where dairying is a comparatively new industry, first established only a few years ago. It is reported that this State will show a record of 1,000,000 pounds of cheese for the year 1917.

—WEEKLY BULLETIN

WE HAVE A COUPLE OF

YOUNG BULL CALVES

From cows of very creditable records. The dams are now in several cases making their second and third records.

These calves are sired by

Southwick May King

He is by Count of Great Barrington—a bull that had a limited opportunity and has only 6 daughters besides grades. The only two of these in milk are in the Advanced Register and are again being tested. Count of Great Barrington is by Florham Governor (sire of Belladia, Mr. Dupee's cow that made 936 lbs. fat) and out of Country Maiden 2d A. R., 639 lbs. fat. She is by May Rose King.

The dam of Southwick May King is

Grace of Lee Farm

She has 2 A. R records respectively: 620 lbs. fat; and 721 lbs. fat. Eva G. of Lee Farm, a daughter of Grace of Lee Farm has 3 A. R. records: as a two-year-old, 430 lbs. fat; as a four-year-old, 593 lbs. fat; as a five-year-old, 655 lbs. fat.

Will be pleased to furnish pedigrees of these calves. Every cow in herd is in A. R. and the average of all records all ages is better than 550 lbs. fat.

W. R. DUNLOP

Fayetteville, N. Y.

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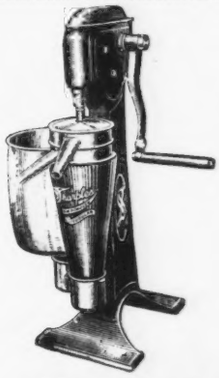

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BRANCHES: CHICAGO SAN FRANCISCO TORONTO

TAGGART, RUSH, NEW CANAAN, CONN.								
Mary's Maypole 42143	C	183	Sept	718.9	4.56	32.78		
		214	Oct	667.0	4.56	30.42		
		244	Nov	585.1	4.30	25.16		
		275	Dec	586.6	4.57	26.81	7554.7	307.42
Queen of Buckeye Farm 44869	C	239	Dec	433.6	6.02	26.10	5849.0	277.56
TENNEY, D. D., CRYSTAL BAY, MINN.								
Imp. Althea of Sarnia 40208	A	311	Dec	673.1	6.02	40.52	9326.3	488.51
La Verne of Birchwood 54188	F	339	Dec	940.3	4.99	46.92	11111.8	533.52
Pearl of Pomeroy 40325	A	256	Dec	839.5	5.10	42.81	9753.8	474.08
Pearl's Dot 57445	G	325	Dec	710.0	5.87	41.68	9177.2	483.55
Sequel's Deanie 57806	G	119	Dec	970.7	4.73	45.91	3637.4	155.71
Sequel's First Lady of Shorewood 58155	G	209	Dec	519.3	6.10	31.68	4510.5	250.03
THROOP, BENJAMIN H., ELMHURST, PA.								
Imp. Daisy II. of La Moinerie 61250	E	365	Dec	125.8	6.54	8.23	7507.2	427.74
Imp. Langlois Lily II. 61242	D	322	Dec	648.5	5.25	34.05	9740.0	466.07
Imp. Milk Stream II. 44576	A	344	Oct	528.4	5.86	30.96	8030.7	447.86
Rockingham's Lily of Elmview 45616	B	42	Dec	961.8	3.78	36.36	1277.4	49.71
Imp. Rosette V. of the Gron 35784	A	365	Dec	136.9	5.92	8.10	10672.9	542.17
Imp. Simone II. of the Couture 61263	E	328	Dec	622.8	4.70	29.27	9763.7	433.42
TIMMINS, GEORGE H., WARE, MASS.								
Mixter Georgianette 54258	A	143	Dec	536.5	5.35	28.70	2769.9	131.85
Mixter Laretta 48408	A	354	Dec	458.4	6.07	27.82	9460.0	497.88
Thirty Thousand Six Hundred Sixty Six 30666	A	125	Dec	651.7	5.10	33.24	3172.2	140.18
TOUSEY, WILLIAM B., JORDAN, N. Y.								
Rival's Queen of Chilmark 55766	F	244	Nov	547.9	6.78	37.09	6227.4	339.74
WARBURG, FELIX M., WHITE PLAINS, N. Y.								
Imp. Melba V. of les Blancs Bois 44619	A	79	Nov	1042.0	4.97	51.79		
		110	Dec	1064.0	5.00	53.20	3736.4	184.81
Senecta 28125	A	350	Nov	998.4	5.51	55.01		
		365	Dec	413.9	5.51	22.81	15050.7	691.87
WEBB, J. G., CLINTON CORNERS, N. Y.								
Babbette of Webb Farms 57781	E	282	Dec	718.8	6.78	48.73	8371.2	464.66
Bertha of Stanford 48814	D	277	Dec	583.4	6.08	35.47	7814.2	400.97
Imp. Bonne Femme du Clos au Conte III. 50377	D	288	Dec	196.1	5.90	11.57	7445.7	400.38
Imp. Brittleware Tinkabell 48522	B	302	Dec	632.8	5.13	32.46	7536.1	369.76
Imp. Buttercup of Frie Baton 50449	D	20	Nov	605.0	5.56	33.64		
		51	Dec	891.2	5.27	46.97	1496.2	80.61
Imp. Butter IV. of Clairmont 48470	D	298	Dec	422.8	5.60	23.68	6967.6	339.64
Ethel of Stanford 50611	E	263	Dec	609.8	5.26	32.08	6916.8	328.69
Madeline of Upton Pyne 54219	F	298	Dec	392.0	5.36	21.01	4991.0	260.79
Miranda of Beaver Ridge 49182	D	223	Dec	882.3	4.59	40.50	7617.7	347.86
Penelope of Brookmead 46275	D	275	Dec	501.9	5.56	27.91	8116.2	397.79
Imp. Squire's Buttercup of the Adams 50376	C	171	Dec	643.5	6.27	40.35	4496.2	252.04
WEST, WILLIAM R., NEW BEDFORD, MASS.								
Imp. Fine Feathers 58908	G	275	Dec	524.1	5.32	27.88	5545.0	260.68
Raymond VIII's France of Lewison 36505	A	223	Dec	573.8	5.03	28.86	5916.7	253.48
WHELAN, GEORGE J., ROSLYN, N. Y.								
Cocosnut 61162	C	310	Dec	878.2	6.33	55.59	11333.7	536.31
WHIPPLE, SHERMAN L., PLYMOUTH, MASS.								
Finella of the Forges 46979	C	176	Dec	856.0	5.06	43.31	5451.6	270.51
Florence Gold 30511	A	121	Dec	910.0	5.43	49.41	4005.8	208.09
Golden Girl of the Forges 54736	G	365	Nov	392.5	6.23	24.45	8317.8	464.06
Imp. Hayes Lass 45933	A	193	Dec	700.4	4.86	34.04	4902.8	215.03
Jessie of the Forges 54772	F	219	Dec	423.3	6.50	27.51	4215.7	234.50
Quintilla Daisy 27391	A	232	Dec	615.5	5.10	31.39	5160.4	267.75
WOOD, GEORGE, WAWA, PA.		1 day test						
Auricula's Crystal of Wawa 48942	E	279	Dec	567.4	5.73	32.51	7029.3	329.28
Dan Patch's Sultana of Wawa 56177	F	264	Dec	443.8	6.02	26.72	5655.3	279.23
France's Della of Wawa 43721	C	310	Dec	629.1	4.92	30.95	8182.4	356.50
France's Princess of Wawa 54165	F	179	Dec	460.0	5.58	25.67	3745.2	177.30
France's Yolo of Wawa 54166	F	301	Dec	563.3	5.49	30.93	6677.7	307.06
Imp. La Gachere V. 54315	D	238	Dec	518.8	6.33	32.84	5493.7	274.19
Pretoria's Queen of Wawa 56179	G	275	Dec	716.6	4.82	34.54	7864.5	335.85
WORONOAK FARM CO., WESTFIELD, MASS.								
Adella of the Elms 30422	A	306	Dec	440.2	7.36	32.40	6226.2	379.26
Beulah of Cream Brook 40259	A	317	Dec	242.1	5.82	14.09	6901.1	366.48
Bountiful's Daughter 29762	A	214	Dec	614.3	5.86	36.00	6351.8	335.19
Daisy of Arethusa 31438	A	122	Dec	690.5	5.56	38.39	2857.8	149.51
Emeline G. of Arethusa 41661	A	54	Dec	1044.3	4.99	52.11	1855.3	93.15
Glenwood Girl of Woronoak 54226	E	317	Dec	619.3	5.80	35.92	7108.4	368.92

Dominance of Guernsey Characteristics

Recently I observed an unusual instance of dominance of characteristics in the herd at the Elmendorf Farm near Lexington. I found three two year-old heifers that were sired by a Guernsey bull and out of almost pure bred Holstein cows. Each one of the heifers carries almost all the characteristics of the Guernsey. They are all reddish fawn and white. The ears, nose, feet and end of the tail-bone carry the yellow color. The horns are white with dark brown tips, but the tips are not black. Two of the heifers had the refined head and very sharp withers of the Guernsey, while the third heifer has a broader, coarser head, resembling the Holstein, and is somewhat broader throughout the body than the Guernsey, but does not carry so much coarseness or scale throughout as the Holstein. All the heifers have short yellow teats.

We tested the milk from these heifers and found that one of them tested 4.7 per cent., another 4.5 per cent., while the strippings from the third tested 9.9 per cent. They give milk that approximates the Guernseys in quantity, but not quite so much as would be expected of a heifer of that age of the Holstein breed.

Finding these interesting specimens at Elmdorf I investigated further and found a little four months old bull calf out of a black Kerry cow and by a Guernsey bull. The calf has the red fawn color with white ankles, feet and switch of tail. It has some black hair on the withers and a black nose, but in other respects resembles the Guernsey. A farmer who has made the cross of the Guernsey on the Holstein tells me that out of a number of calves thus produced, all of them have carried the Guernsey color.

This is extremely interesting, because I have found that when the Holstein is crossed on the Jersey the color of the offspring is either that of the Holstein or it is solid black, or largely black with white feet. I have never had any of the fawn to show up in this cross.

While in Holland in 1911 I was told that if one of the red-and-white Friesian cows was mated with a black-and-white bull the calf would be red and white. From these various observations I have come to wonder whether the reddish spots are dominant over all other colors among dairy cattle.

Kentucky Experiment Station.

—J. J. Hooper—Breeders' Gazette

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Lakeside's Hopeful Lassie	76925
Langwater Paysanne	76589
Lassie of Hope Farm	76488
Lassie's Valentine of Pine Grove	76622
Lass of Brookside	76456
Lauraine's Primrose of Aldermead	76687
Laurel Green Mar	76663
Lebanon Maid's Myra	76714
Lena Rose of Willowdale	76754
Lena's Fawn	76863
Lena's Viola	76649
Lillian of Glenwood Farm	76424
Lillian of Greenfield	76606
Lily Rose of Maple Hill	76842
Lily's May of Oakland	76705
Lily's Spotty of Englewood	76786
Little Ione of Mapleton	76462
Lochevan Buttercup	76620
Lola of Locust Grove	76692
Louise of Haddon	76535
Louise Rose of Willowdale	76748
Loyette of Blue Mound	76435
Loyette Yeksa Taylor	76433
Lucy Anna of X-L-Land	76911
Lula Babe 2d	76495
Luzera's Daisy Blossom	76505
Lyda's Lassie of Homestead	76847
Lydia May of Iowanola	76579
Lynchmere Primula of Osceola (Imp.)	76408
McClintock's Dell	76978
Mabella of Glen Grove	76352
Madge's Spring Beauty	76941
Magnetta Belle	76659
Maid of Calumet	76965
Maliae of Riverview	76896
Malissa of River View	76552
Manes Mae of Willalvin Farm	76414
Manoa's Queen of Woodside Hall	76459
Maple Lind Lady	76607
Maple Ridge Fawn	76946
Maple Ridge Maiden	76947
Maple Ridge Martha	76945
Maple Ridge Mary	76944
Marcella of Big Spring Farm	76396
Margaret of Arbor Lawn	76375
Marie of Golden Glen	76800
Marion of Big Spring Farm	76833
Marjorie of Kirk Meadows	76903
Martha Masher	76721
Mary King of Corwin Hill	76506
Mary of Glenwood Farm	76423
Mary's Maypole of Buckeye Farm	76599
Masher King's Jolly of Crystal Springs	76612
Masher Sequel's Rutila	76656
Masher's Lleda of Crystal Springs	76611
Masher's Rose of Elmdale	76374
Masher's Rutila 2d	76657
Masie Dimple of Meadow Springs	76360
Matilda of Georgetown	76661
Matron of Linden Home	76445
Maude Rose of Willowdale	76751
Maud's Beauty of Welliversville	76473
Maxine of Maplecrest	76694
May Bishop of Maple Hill	76844
May Day of Maudesleigh	76744
May King Glenwood's Dove	76795
May King's Biserta	76938
May King's Christina	76939
May Ultra	76440
Melinda S.'s Hilda	76514

Name.	No.
Memento's Fairy Queen	76465
Memento's Flossie	76466
Memento's Pearl Spot	76467
Mercy Argie of Bon Ayre	76839
Midget of Saxalea	76726
Milk Maid of Maudesleigh	76743
Minnehaha of the Ridge	76783
Minola of Big Spring Farm	76398
Miranda's Rose of New Hope	76972
Mirza's Pride of Brookdale Farm	76761
Miss Bessie Glenwood	76853
Miss Enterprise	76926
Miss Floreine	76729
Miss Hettie May	76968
Miss La Fontaine Raymond	76977
Miss Nancy Lyons of Maple Rest	76566
Miss Topsy of Cosquay	76927
Missy's Maid of Two Oaks	76889
Moccasin's Jenny of Elmwood	76504
Mollie Bullion Butterfield	76391
Mollie of O'Klare	76910
Mollybullion	76534
Mollybullion Bucknellian	76533
Mona-Kala	76639
Mona of Locust Grove	76691
Mona of Rock City	76404
Moonlight of Locust Lawn Farm	76704
Moss Raider's Gloria	76892
Moss Rose of Roughwood	76928
Mota's May Rose	76785
My Lady's Glove	76449
Natoma Anetta	76741
Natoma Esmeralda 2d	76921
Nellie of Twin Cedars	76710
Nemonee of Big Spring Farm	76830
Nettie of Orono Farms	76899
Nonpareil's Golden	76735
Norma of Hickory Grove	76872
Nymph's Blossom	76430
Oak Ridge Stranford's Lady Gemsey	76948
O. C. Butter Girl	76819
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Olga of Crystal Springs	76757
Olive Blossom	76662
Omega Kive's Ella	76582
Omega of Locust Crest 2d	76865
Onward Girl	76682
Onward's Lela	76681
Ora's Girl	76719
Orono's Fay of Idlehaven	76385
Orphan Annie	76860
Orrie Hurst	76573
Osceola Dene Pearl (Imp.)	76407
Osceola Fairy Belle	76923
Osceola Vespasia (Imp.)	76409
Pacific's Blossom	76538
Pacific's Golden Rose	76539
Pacific's May King's Violet	76540
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Pandora of Topnotch Farm	76728
Pansy of Ononta	76764
Pansy's Hope of Idlehaven	76388
Patricia of Sunset Hill	76678
Pauline of Fremont	76821
Pauline's Choice	76382
Pauline's Persis of Elmbrook	76916
Pauline's Polly of Elmbrook	76917
Peach's Countess Fantine of Angra	76636
Pearl of Idlehurst	76412
Pearl's Rose	76468
Pearl's Royal Golden Girl	76895
Pencader's Madge	76587
Pencader's Nora	76585
Pencader's Polly	76586
Penita	76856
Phoebe of Glenburnie	76949
Pinecrest's May Rose of Cedar Spring	76464
Pollyann of Big Spring Farm	76838
Polly May of Iowanola	76581
Pol's Pride of Big Spring Farm	76401
Posey's Career 2d	76742
Pretoria's Lady Benton of Ingleside	76543
Pretor's Daisy Golden	76631
Pride of Mercer	76924
Pride of O'Klare	76909
Pride of the Dells	76811
Pride's Bluepoint	76381
Pride's Eva	76871
Primrose of Summit Farm (Imp.)	76654
Primrose Opal	76621
Prince's Alice	76879
Prince's Anne of Cass	76618
Princess Aurora	76520
Princess Betty	76422
Princess Duvauxie May's Foxy Lassie	76746
Princess of Blue Mound	76434
Princess of Hicks Valley	76610
Princess of Klover Knolls	76567
Princess Ruby	76959
Princess's Beauty of Grand View	76474
Princess Yeksaline of Blue Mound	76436
Prudence of Drury Lane Farm	76591
Queen Forget-me-not	76934
Queen Isabella of Victory	76826
Queen Luella of Iowanola	76575
Queen May of Chanute	76954
Queen of Buckeye Farm 2d	76600
Queen of Mount Vernon	76943
Queen Paget of Homestead	76845
Queen's Esther Dora	76812
Quietude of Koshkonong Place	76739
Raider's Caroline	76862
Ramona Geraldine	76703
Randolph Tosa Bell	76962
Ranger's Topsy of Cedar Spring	76463
Raymond's Princess Beauty	76481
Raymond's Roxanna of Mara Alva	76766
Raymond's Tidy of Homestead	76846
Red Rose of Hebron	76594
Red Rose of Willowdale	76753
Red Wing Modèle's Princess	76877
Rega	76475
Regent's Antona of Bosworth Field	76516
Regent's Foamdrift of Bosworth Field	76517
Regent's Miss Foam of Bosworth Field	76518
Regina of Forest Lake Farms	76527
Retha of White Dale	76451
Rhea of Lakeside	76760
Riveroad Lilly Belle	76507
Riveroad Olive	76508
Roehampton Princess	76429
Romance of Koshkonong Place 3d	76740
Rosalie of X-L-Land	76913
Rosamond C. of Drury Lane Farm	76592
Rosanna of Hampshire Stock Farm	76935
Rosa's Pride of Indian Creek	76737
Rosces Rosebud of Superior	76979
Rosebud of Mound City	76558
Rosebud of Willowdale	76752
Rose France	76601
Rosella of Knowledge Hill Farm	76730
Rose Mar of Crystal Stream	76390
Rosemary of Englewood	76787
Rosemary of X-L-Land	76912
Rosemead Daisy	76584
Rose of East View Farm	76548
Rose of Glass Lake (Imp.)	76695
Rose of Papple Lane	76919
Rose of Somerset	76854
Rose of Try Valley	76797
Rosy Rue's Frances	76961
Roxanna's Morning Glory	76824
Roxey of Big Spring Farm	76403
Royal's Ponchez	76571
Ruby's Ruth	76789
Ruth of Kirk Meadows	76902
Sagolgwyn	76680
St. Austell Donnetta	76392
Sally of Pleasant Valley	76615
Sally's Surprise	76393
Santa Anna	76697
Sappho of Falcon's Flight	76894
Sarre's Rose	76439
Saugerties Julia Clyde	76952
Saylor's Masher Annette	76471
Saylor's Masher Iola	76470
Saylor's Masher Lela	76469
Select's Sweet Brier	76825
Selina of Harmony	76966
Sense's Queen Bess	76655
September Morn of Snowdrop	76711
Sequel of Charlotte	76419
Sequel's Ben's Rocksy	76443
Sequel's Brookside Beauty	76455
Sequel's Daisy Pearl	76366
Sequel's Girl	76418
Sequel's Lily of Cedar Lawn	76805
Sequel's Transit's May Rose	76870
Silver of Mound City	76557
Simplicity's Glenwood of Iowanola	76576
Snowball of Elm Crest	76624
Snowflake of Linden Lodge	76878
Sophia's Queen of Neill Heights	76850
South Hadley Princess	76487
Southslope's Rose	76413
Souvenir's Cosy	76559
Springville's Peep 'o' Day	76713
Star's Delight of Lime Rock	76886
Sunbeam of Englewood	76788
Sunbeam of Glen Haven	76421
Sunbeam of Pierce	76484
Sundari's Alfa Queen	76596
Sundari's Lady Bishop	76598
Sundari's Martha	76597
Susie of Spring Brook	76666
Teebo's Ruth of Blue Mound	76437
Telma of Forest Lake Farms	76528
Tess of Woodrow	76828
The Bell of Elm Wood	76368
The Countess	76723
Thelma's Bonnie Bright	76652
Threebrook's Honeysuckle	76665
Thyra's Governess	76546
Tillie May	76583
Tiny's Frankland	76930
Tom Rilma's Elnora of Pineland	76570
Tootsie of Orono Farms	76898
Trevose Maid	76616
Tricksey's Milkmaid	76756
Tricksey's Queen of Silver Leaf	76383
Unison	76798
Valladoc's Alma of Big Spring Farm	76399
Vauquiedor's Governess	76858
Velma Mae B.	76553
Veretta's Tops of Gold Girl	76747
Verra of Golden Glen	76799
Violet of Chardon	76530
Virgie of Brookdale	76736
Waneta of Brookside	76906
Water Oak Queen	76904
Wern's Canary	76718
West Wind Paragon	76476
Whiteface's Beauty	76379
Wilson's Butter Girl of Fair View	76550
Wilson's Red Wing of Fair View	76551
Winona's Echo of Sennett County Farm	76633
Woodland's Marguerite	76852
Xenia Alfieri 2d	76482
Yeksa's Girl Marquinetta	76634
Yeksa's Mosella of Overlook	76794
Zero Maid of Saradale	76632
Zilpha Arlena	76609
Zoritsa Martin	76806

ADVANCED REGISTER

Name.	No.
Ace of Anna Dean Farm 46910 (Imp.) Re-entry	3327
Beatrice of Woodend 39338 Re-entry	4272
Blackberry of the Isle 26648 (Imp.) Re-entry	1643
Charmante's Beauty II. 49531 (Imp.) Re-entry	4054
Clatford Hero's Jane 47882 Re-entry	4256
Croupette 9th 45936 (Imp.) Re-entry	3319
Dairymaid of Waukesha 38053 Re-entry	3388
Daisy of Oakwood 49838 Re-entry	3775
Dora A. of Seneca 36974 Re-entry	5621
Eagle Flossie 18122 Re-entry	1488
Effie of Alfalfa Farms 31058 Re-entry	1759
Froome's Queen 28706 (Imp.) Re-entry	1421
Glenwood Boy's Buttercup 38488 Re-entry	2978
Helene of Iowa 40447 Re-entry	3841
Ivy Leaf T. 31009 Re-entry	3181
Langwater Francaise 35751 Re-entry	3034
La Noce of Riverside Farm 36284 Re-entry	2522
Lola Marshall of Woodend 20840 Re-entry	2770
Lolita Marshall 18441 Re-entry	1057
Maid of Richmond 33805 (Imp.) Re-entry	1883
Miss Sunset 37107 Re-entry	3564
Murne Cowan 19597 Re-entry	1906
Neronic 43595 Re-entry	4015
Queen Elizabeth of the Isle 44717 (Imp.) Re-entry	3617
Ramée of Summerdale 38995 Re-entry	3555
Rosy XII. de la Vieille Rue 53814 (Imp.) Re-entry	4613
Royal's Flower of Thorn Hill 41655 Re-entry	4168
Sequel's Dolly of the Vrangue 43914 (Imp.) Re-entry	4090
Sunbeam's Dawn 4th 27140 Re-entry	2415
Village Evette 32773 Re-entry	2317

76351 **Della of Sunny Slope**
Sire *Pride of Homa Della* 25503. Dam *Lassie's Beauty Pearl* 53546.
Born Jan. 18, 1917. B. and O.: Noah Rediger, Milford, Nebr.

76352 **Mabella of Glen Grove**
Sire *Imp. Butterstamp's Hero* 17050. Dam *Judith of Glen Grove* 25348.
Born Feb. 26, 1917. B. and O.: E. A. Kipp, Chilliwack, B. C.

76353 **Helen Hilda**
Sire *Lady's May King of Andover* 34424. Dam *Hilda B.* 20230.
Born March 2, 1917. Twin with cow No. 76354. B. and O.: C. P. Nagle, Andover, Ohio.

76354 **Ellen Hilda**
Sire *Lady's May King of Andover* 34424. Dam *Hilda B.* 20230.
Born March 2, 1917. Twin with cow No. 76353. B. and O.: C. P. Nagle, Andover, Ohio.

76355 **Imp. Beaumont's May Rose**
Sire *Imp. Leader of Beaumont* 45448. Dam *Imp. May Rose X. of la Masse* 75364.
Born July 13, 1917. Imp. in dam. B.: F. S. Peer, Island of Guernsey. O.: John C. Ogden, Johnstown, Pa.

76356 **Belle of Oakwood's Dainty Maid**
Sire *Panama Lad's Wilmore* 36197. Dam *Belle of Oakwood* 40300.
Born Aug. 1, 1917. B. and O.: John C. Ogden, Johnstown, Pa.

76357 **Alta Duchess Pride**
Sire *Violet's Pride of Iowa* 20208. Dam *Kitchener's Duchess of Alta Vista* 31875.
Born July 8, 1917. B. and O.: Palo Alto Stock Farm, Palo Alto, Cal.

76358 **Alta Tulip**
Sire *Violet's Pride of Iowa* 20208. Dam *Gelé Boy's Tulip* 43414.
Born July 20, 1917. B. and O.: Palo Alto Stock Farm, Palo Alto, Cal.

76359 **Alta Antoinette**
Sire *Violet's Pride of Iowa* 20208. Dam *Pretonia's Antoinette* 32797.
Born Aug. 16, 1917. B. and O.: Palo Alto Stock Farm, Palo Alto, Cal.

76360 **Masie Dimple of Meadow Springs**
Sire *Masher Colore Galore* 34192. Dam *Queen Masie of Cherry Hill* 59274.
Born March 5, 1917. B. and O.: F. Howard Slayton, Port Byron, N. Y.

76361 **Doroth of Good Hope**
Sire *Arroyo's Prince* 23623. Dam *Pride of Good Hope* 42199.
Born April 15, 1917. B. and O.: Fred C. Hansen, Tigerton, Wis.

76362 **Katydid's Girl of Elmwood Farm**
Sire *Lizetta's Ledyard Bay* 32235. Dam *Katydid of Elmwood Farm* 40585.
Born April 6, 1917. B. and O.: G. B. Van Gelder, Canandaigua, N. Y.

76363 **Betty Jane**
Sire *Patsy K.* 27187. Dam *Mina Rose* 60854.
Born July 11, 1917. B. and O.: Orval High, Convoy, Ohio.

76364 **Dorothy K. of Northport**
Sire *Lord Osterhout* 24259. Dam *Wealthy of Northport* 53483.
Born July 20, 1917. B. and O.: Charles E. Braman & Son, Northport, Mich.

76365 **Blanquinta of Riverview**
Sire *King Helpmate* 37892. Dam *Golden Future* 28053.
Born Aug. 18, 1917. B. and O.: Charles L. Moore, Oxford, N. Y.

76366 **Sequel's Daisy Pearl**
Sire *Lena's King* 17562. Dam *Sequel's Rushbrooke's Spotswood* 48119.
Born April 2, 1917. B. and O.: C. F. Kiester, Amelia, Ohio.

76367 **Gay Girl of Elm Wood**
Sire *Royal Golden Secret of Elm Wood* 32011. Dam *Gay Queen of Elm Wood* 59294.
Born March 5, 1917. B. and O.: J. L. Engle, Beloit, Ohio.

76368 **The Bell of Elm Wood**
Sire *Dan Yeksa of Elm Wood* 36324. Dam *Isabelle of Elm Wood* 61664.
Born March 7, 1917. B. and O.: J. L. Engle, Beloit, Ohio.

76369 **Dairymaid of Braeview**
Sire *Gladys' Sequel of Maplecrest* 27102. Dam *Imp. Beauty of Hauteville* 36465.
Born March 7, 1917. B. and O.: E. G. Pickard, Cleveland, Ohio.

76370 **Crocus of Vosenkill**
Sire *May King of Vosenkill* 25623. Dam *Crocus of Westford* 17624.
Born March 14, 1917. B. and O.: Charles D. Coutant, Athens, N. Y.

76371 **Highland Gertie**
Sire *Inca of Hillside* 37025. Dam *Miss Gertie* 47072.
Born May 24, 1917. B.: George Howland, Jamestown, R. I. O.: Wilbur Hazard, Saunderstown, R. I.

76372 **Highland Thelma**
Sire *Demonstrator of Hopelands* 24512. Dam *Highland Ishta* 51745.
Born July 10, 1917. B. and O.: Wilbur Hazard, Saunderstown, R. I.

76373 **Highland Dorothy**
Sire *Demonstrator of Hopelands* 24512. Dam *Highland Pru* 59567.
Born July 11, 1917. B. and O.: Wilbur Hazard, Saunderstown, R. I.

76374 **Masher's Rose of Elmdale**
Sire *Masher's Equal of Lochevan* 31683. Dam *Gladys C. of East View* 28101.
Born March 16, 1917. B. and O.: H. W. Perry, Cameron Mills, N. Y.

76375 **Margaret of Arbor Lawn**
Sire *Miquettito* 27763. Dam *Molly Hyacinth* 35680.
Born June 20, 1917. B. and O.: L. F. Gemberling, Selinsgrove, Pa.

76376 **Clarabelle of Arbor Lawn**
Sire *Honest Masher* 34413. Dam *Diana of Harriton* 27484.
Born July 11, 1917. B. and O.: L. F. Gemberling, Selinsgrove, Pa.

76377 **Julia of Arbor Lawn**
Sire *Honest Masher* 34413. Dam *Minnie of Hillside* 34396.
Born July 15, 1917. B. and O.: L. F. Gemberling, Selinsgrove, Pa.

76378 **F. H. E.'s Lucky**
Sire *Sequel's Lucky Boy 2d* 26035. Dam *Fantine's Heiress, Eudamar* 37607.
Born March 5, 1917. B. and O.: N. J. Hitchcock, Lebanon, N. Y.

76379 **Whiteface's Beauty**
Sire *Sequel's Lucky Boy 2d* 26035. Dam *Dora's Lebanon Countess* 37848.
Born March 6, 1917. B. and O.: N. J. Hitchcock, Lebanon, N. Y.

76380 **Eudamar Turtle**
Sire *Sequel's Lucky Boy 2d* 26035. Dam *Eudamar Angie* 53848.
Born March 19, 1917. B. and O.: N. J. Hitchcock, Lebanon, N. Y.

76381 **Pride's Bluepoint**
Sire *Sequel's Lucky Boy 2d* 26035. Dam *Eudamar Pride* 58152.
Born March 22, 1917. B. and O.: N. J. Hitchcock, Lebanon, N.Y.

76382 **Pauline's Choice**
Sire *Sequel's Lucky Boy 2d* 26035. Dam *F. H. E. 2d's Utica Pauline* 61385.
Born March 28, 1917. B. and O.: N. J. Hitchcock, Lebanon, N. Y.

76383 **Tricksey's Queen of Silver Leaf**
Sire *Tricksey's George of Sunny Side* 18355. Dam *Queen of the Rue Cohu* 34063.
Born March 26, 1917. B.: Earl Roberts, Oconomowoc, Wis. O.: J. E. Stephens, Prairie City, Ill.

76384 **Blossom's Virginia**
Sire *Dimple's Franc of Oakwood* 31364. Dam *Elena Donnington's Blossom* 53109.
Born April 26, 1917. B. and O.: Charles O. Mattern, Osceola Mills, Pa.

76385 **Orono's Fay of Idlehaven**
Sire *Jack of Elmlawn* 43594. Dam *Nelly's Gem of Orono 2d* 32715.
Born March 3, 1917. B. and O.: A. P. Howes, Pittsfield, Maine.

76386 **Creusa's Beauty of Idlehaven**
Sire *Jack of Elmlawn* 43594. Dam *Heirloom Creusa* 40828.
Born March 5, 1917. B. and O.: A. P. Howes, Pittsfield, Maine.

76387 **Goldenrod's Mabel of Idlehaven**
Sire *Jack of Elmlawn* 43594. Dam *Goldenrod of Idlehaven* 43942.
Born March 9, 1917. B. and O.: A. P. Howes, Pittsfield, Maine.

76388 **Pansy's Hope of Idlehaven**
Sire *Jack of Elmlawn* 43594. Dam *Pansy of Idlehaven* 56444.
Born March 10, 1917. B. and O.: A. P. Howes, Pittsfield, Maine.

76389 **Lady Bell of Crystal Stream**
Sire *Royalette's Standard* 20141. Dam *Laura of Crystal Stream* 41003.
Born March 27, 1917. B. and O.: L. L. Loberg, Nelsonville, Wis.

76390 **Rose Mar of Crystal Stream**
Sire *Royalette's Standard* 20141. Dam *Queen Betty of Crystal Stream* 59580.
Born April 10, 1917. B. and O.: L. L. Loberg, Nelsonville, Wis.

76391 **Mollie Bullion Butterfield**
Sire *Imp. May King of Arbolist* 24604. Dam *Bertha of Cedar Hill* 32685.
Born May 26, 1917. B. and O.: Nelson Y. Dungan, Somerville, N. J.

76392 **St. Austell Donnetta**
Sire *Don Diavolo of Linda Vista* 23565. Dam *St. Austell Golden Bonetta* 41873.
Born Sept. 19, 1914. B. and O.: C. G. Parnall, Jackson, Mich.

76393 **Sally's Surprise**
Sire *France's Jewel's Champion* 17970. Dam *Sally of Big Spring Farm* 40111.
Born June 1, 1915. B. and O.: Miss Willie Lee Inman, Leesburg, Va.

76394 **Dolly of Big Spring Farm**
Sire *Claremont Boy of Big Spring Farm* 21676. Dam *Nora of Big Spring Farm* 48638.
Born June 9, 1915. B. and O.: Miss Willie Lee Inman, Leesburg, Va.

76395 **France's Regina's Beauty**
Sire *France's Jewel's Champion* 17970. Dam *France's Regina of Big Spring Farm* 26574.
Born Feb. 1, 1916. B. and O.: Miss Willie Lee Inman, Leesburg, Va.

76396 **Marcella of Big Spring Farm**
Sire *France's Jewel's Champion* 17970. Dam *Willow of Big Spring Farm* 56741.
Born Feb. 18, 1916. B. and O.: Miss Willie Lee Inman, Leesburg, Va.

76397 **Gipsy Queen of Big Spring Farm**
Sire *France's Jewel's Champion* 17970. Dam *France's Buttercup* 45090.
Born March 12, 1916. B. and O.: Miss Willie Lee Inman, Leesburg, Va.

76398 **Minola of Big Spring Farm**
Sire *May Field's l'Etiennerie Leader* 33570. Dam *L'Etiennerie Beauty* 65225.
Born March 24, 1916. B. and O.: Miss Willie Lee Inman, Leesburg, Va.

76399 **Valladoc's Alma of Big Spring Farm**
Sire *France's Jewel's Champion* 17970. Dam *Imp. Valladoc* 21028.
Born March 26, 1916. B. and O.: Miss Willie Lee Inman, Leesburg, Va.

76400 **Golden Girl of Big Spring Farm**
Sire *France's Jewel's Champion* 17970. Dam *Imp. Houguette Belle* 21018.
Born July 27, 1916. B. and O.: Miss Willie Lee Inman, Leesburg, Va.

76401 **Pol's Pride of Big Spring Farm**
Sire *France's Jewel's Champion* 17970. Dam *Pol of Big Spring Farm* 55074.
Born July 30, 1916. B. and O.: Miss Willie Lee Inman, Leesburg, Va.

76402 **Cordelia of Big Spring Farm**
Sire *May Field's l'Etiennerie Leader* 33570. Dam *Imp. Linda I. of the Vauxbelets* 21044.
Born Oct. 26, 1916. B. and O.: Miss Willie Lee Inman, Leesburg, Va.

76403 **Roxey of Big Spring Farm**
Sire *May Field's l'Etiennerie Leader* 33570. Dam *France's Beth of Big Spring Farm* 69962.
Born Oct. 27, 1916. B. and O.: Miss Willie Lee Inman, Leesburg, Va.

76404 **Mona of Rock City**
Sire *Governor of Sepascot* 35754. Dam *Delane of Maple Glen* 55035.
Born March 12, 1917. B. and O.: Norman D. Cookingham, Rhinebeck, N. Y.

76405 **Ekatrina**
Sire *Norberg* 15855. Dam *Lady Malena* 14639.
Born Oct. 9, 1914. B. and O.: Howard B. Tuttle, Naugatuck, Conn.

76406 **Jethro's Blossom**
Sire *Jethro of Riverside Farm* 17374. Dam *Mary Helen* 27106.
Born March 30, 1913. B. and O.: John H. Benham, Seymour, Conn.

76407 **Imp. Osceola Dene Pearl**
Sire *Dene Daystar* (3110 E. G. H. B.) Dam *Imp. Dene Pearl* 75482.
Born May 17, 1917. Imp. in dam. B.: J. F. Remnant, England. O.: F. S. Peer, Cranford, N. J.

76408 **Imp. Lynchmere Primula of Osceola**
Sire *Polly's Ideal of Maison de Bas* (3198 E. G. H. B.) On Guernsey (R. G. A. S. 3649 P. S.) Dam *Imp. Lynchmere Primula* 75470.
Born July 2, 1917. Imp. in dam. B.: F. Pratt Barlow, England. O.: F. S. Peer, Cranford, N. J.

76409 **Imp. Osceola Vespasia**
Sire *Imp. Gay Lad 2d of Le Briquet* 45493. Dam *Imp. Lynchmere Vespasia 7th* 75478.
Born July 21, 1917. Imp. in dam. B.: F. Pratt Barlow, England. O.: F. S. Peer, Cranford, N. J.

76410 **Frances of Hidden Valley**
Sire *Quinn's Kitchener Lad* 25924. Dam *Hougue Maid of Edgewater* 38411.
Born Aug. 29, 1916. B. and O.: Louis Welch, Redwood City, Cal.

76411 **Fanny of Idlehurst**
Sire *King May S.* 31106. Dam *Pet of Idlehurst* 62032.
Born May 4, 1917. B. and O.: C. D. Benack, Hayward, Wis.

76412 **Pearl of Idlehurst**
Sire *Teddy of Idlehurst* 36567. Dam *Cocoa of Idlehurst* 63781.
Born May 15, 1917. B. and O.: C. D. Benack, Hayward, Wis.

76413 **Southslope's Rose**
Sire *Leading Light* 29445. Dam *Miriam of Orleton 2d* 36809.
Born March 3, 1917. B. and O.: H. L. Hubbard, Ringle, Wis.

76414 **Manes Mae of Willalvin Farm**
Sire *Manes King of Walter Maple* 33976. Dam *Alecia's Mae 2d* 50604.
Born March 7, 1917. B. and O.: Basse Bros., Milwaukee, Wis.

76415 **Golden Beauty of Maple Grove**
Sire *Lily Ella's Masher* 26794. Dam *June Belle of Maple Row* 55831.
Born June 10, 1917. B. and O.: E. C. Dedrick, Coloma, Mich.

76416 **Follyland Kathleen**
Sire *Fillmore's Golden Secret* 28009. Dam *Imp. Lady Franc IV.* 40466.
Born March 5, 1917. B. and O.: I. C. Blandy, Greenwich, N. Y.

76417 **Follyland Katharine**
Sire *Fillmore's Golden Secret* 28009. Dam *Follyland Snow Queen* 56672.
Born March 14, 1917. B. and O.: I. C. Blandy, Greenwich, N. Y.

76418 **Sequel's Girl**
Sire *Little Smoke* 14423. Dam *Unadilla 3d* 22096.
Born March 8, 1915. B. and O.: Nelson G. Richmond, Fredonia, N. Y.

76419 **Sequel of Charlotte**
Sire *Little Smoke* 14423. Dam *Unadilla 3d* 22096.
Born Feb. 11, 1916. B. and O.: Nelson G. Richmond, Fredonia, N. Y.

76420 **Furnessia 3d**
Sire *Victor's Glenwood of Pencoyd* 27308. Dam *Furnessia* 24284.
Born March 19, 1917. B. and O.: I. Irwin Wells, Spring City, Pa.

76421 **Sunbeam of Glen Haven**
Sire *The Stroller of Iona* 30162. Dam *Sunbeam of Ewing* 49988.
Born March 12, 1917. B.: Harry M. Lord, Cockeysville, Md. O.: Frank J. Hoen, Corbett, Md.

76422 **Princess Betty**
Sire *Glen Osborne* 18708. Dam *Princess Lady* 49603.
Born March 10, 1917. B. and O.: J. C. Trees, Mars, Pa.

76423 **Mary of Glenwood Farm**
Sire *Normandie Farm Glenwood Boy* 26005. Dam *Imp. May Rose Pearl II.* 53559.
Born April 12, 1917. B. and O.: Clarence Deshong, Chester, Pa.

76424 **Lillian of Glenwood Farm**
Sire *Normandie Farm Glenwood Boy* 26005. Dam *Imp. Sappho of the Vauquiedor* 53613.
Born May 2, 1917. B. and O.: Clarence Deshong, Chester, Pa.

76425 **Clara of Glenwood Farm**
Sire *Apollo of Rich Neck* 27937. Dam *Noreen of Pencoyd* 51036.
Born Aug. 24, 1917. B.: T. W. & I. W. Roberts, Bala, Pa. O.: Clarence Deshong, Chester, Pa.

76426 **Kathleen Acushla**
Sire *Ty Cobb* 20629. Dam *Kathleen Shinrone* 29307.
Born March 10, 1917. B. and O.: J. B. Borden, Madison, Wis.

76427 **Dodo's Gladys**
Sire *Minnie's Glenwood of Brodhead* 31311. Dam *Beauty IV.'s Dodo* 53121.
Born May 17, 1917. B.: August Toepfer, Madison, Wis. O.: J. B. Borden, Madison, Wis.

76428 **Augusta of Lane End**
Sire *Imp. Alert of Graymont* 27210. Dam *Weston Pride* 12132.
Born Aug. 19, 1917. B. and O.: Austin Peters, Harvard, Mass.

76429 **Roehampton Princess**
Sire *Imp. Roehampton Polo 6th* 29900. Dam *Queen of Maple Hill* 56409.
Born March 5, 1917. B. and O.: W. C. Hopkins, Roodhouse, Ill.

76430 **Nymph's Blossom**
Sire *Captain Dunba* 35467. Dam *Eglantine's Nymph* 21757.
Born Aug. 15, 1917. B. and O.: C. H. Nissen, Owen, Wis.

76431 **Cinderella of Windswept Farm**
Sire *Woodland's May King* 30168. Dam *Casella of Middlevale* 64863.
Born April 7, 1917. B. and O.: Robert A. Hevenor, Clinton Corners, N. Y.

76432 **Governess Yeksa Taylor**
Sire *Imp. Governor's Whimsome* 26189. Dam *McKerrow's Yeksa* 40990.
Born Dec. 27, 1915. B.: George McKerrow & Sons Co., Pewaukee, Wis. O.: Taylor Bros., Pewaukee, Wis.

76433 **Loyette Yeksa Taylor**
Sire *Tony of Beaver Lake* 24025. Dam *Loyette* 44613.
Born March 8, 1916. B. and O.: J. J. Taylor & Sons, Pewaukee, Wis.

76434 **Princess of Blue Mound**
Sire *Tony of Beaver Lake* 24025. Dam *Princess of Avondale* 28174.
Born April 23, 1916. B. and O.: W. W. Taylor, Pewaukee, Wis.

76435 **Loyette of Blue Mound**
Sire *Whimsome's Governor of Blue Mound* 43175. Dam *Loyette* 44613.
Born March 15, 1917. B. and O.: J. J. Taylor & Sons, Pewaukee, Wis.

76436 **Princess Yeksaline of Blue Mound**
Sire *Tony of Beaver Lake* 24025. Dam *Princess of Avondale* 28174.
Born March 17, 1917. B. and O.: W. W. Taylor, Pewaukee, Wis.

76437 **Teebo's Ruth of Blue Mound**
Sire *Tony of Beaver Lake* 24025. Dam *Cuby Teebo* 44798.
Born April 5, 1917. B. and O.: J. J. Taylor & Sons, Pewaukee, Wis.

76438 **Jeanette of Blue Mound**
Sire *Whimsome's Governor of Blue Mound* 43175. Dam *Imp. Jean of Greenmeadow* 38216.
Born Sept. 1, 1917. B. and O.: J. W. Taylor, Pewaukee, Wis.

76439 **Sarre's Rose**
Sire *Wildwood Ne Plus Ultra* 29752. Dam *Imp. Sarre's Daisy III.* 35803.
Born March 15, 1917. B. and O.: H. C. Adams, Algona, Iowa.

76440 **May Ultra**
Sire *Wildwood Ne Plus Ultra* 29752. Dam *Wildwood May Rose* 59457.
Born April 5, 1917. B. and O.: H. C. Adams, Algona, Iowa.

76441 **Flora's Rose**
Sire *Wildwood Ne Plus Ultra* 29752. Dam *Wildwood Flora* 48281.
Born April 29, 1917. B. and O.: H. C. Adams, Algona, Iowa.

76442 **Dorothy of Fairacres**
Sire *Wildwood Ne Plus Ultra* 29752. Dam *Imp. President's Daisy* 33245.
Born May 2, 1917. B. and O.: H. C. Adams, Algona, Iowa.

76443 **Sequel's Ben's Rocksy**
Sire *Sequel's Ben of Willowdale* 22768. Dam *Lucia of Eastside 2d* 46819.
Born Aug. 6, 1917. B. and O.: John S. Pickup, Cherry Creek, N. Y.

76444 **Hickory Grove's Polly**
Sire *Dairymaid's Standard of Iowa* 28946. Dam *Hickory Grove's Glennie* 58077.
Born Dec. 4, 1916. B. and O.: T. J. Wright, Mauston, Wis.

76445 **Matron of Linden Home**
Sire *Maxwell of Walter Maple* 17930. Dam *Imp. Merton Hay Breeze* 32484.
Born March 16, 1917. B. and O.: Henry J. Nunnemacher, Milwaukee, Wis.

76446 **Hazel of Nineveh**
Sire *Jolly Boy of Nineveh* 34837. Dam *Nineveh Girl* 60312.
Born Feb. 12, 1917. B. and O.: Joe Walker, Nineveh, N. Y.

76447 **Alcina's Bloom of Plain View Farm**
Sire *Queen of the Blicqs's Masher* 33145. Dam *Bloom's Alcina* 49703.
Born Dec. 12, 1916. B. and O.: K. O. Gaarder, Holmen, Wis.

76448 **Blotchy's Daisy of Plain View Farm**
Sire *Holden of Iowa* 22760. Dam *Blotchy* 46933.
Born Feb. 18, 1917. B. and O.: K. O. Gaarder, Holmen, Wis.

76449 **My Lady's Glove**
Sire *Zala of the Glen* 29058. Dam *Foxglove of the Glen* 58437.
Born April 13, 1917. B.: H. A. C. Taylor, Newport, R. I. O.: F. E. Perkins, Thornton, R. I.

76450 **Concha Spring Lola**
Sire *Neshaminy Bell Boy* 27834. Dam *Clayola* 24292.
Born March 11, 1917. B. and O.: Willard Burdette Force, Holicong, Pa.

76451 **Retha of White Dale**
Sire *Lord Comyn of Guernsey Dell* 28653. Dam *Julia of Willowdale* 58358.
Born March 9, 1917. B. and O.: S. S. Wenger, Wakarusa, Ind.

76452 **Arba Lady of Pine Grove**
Sire *Olle Herot* 33987. Dam *Arba Lady* 54987.
Born Dec. 5, 1916. B. and O.: Est. S. F. Harris, Medford, Wis.

76453 **Dortha Bell's Dolly**
Sire *Lady Glenwood's Dixie Osborne* 31632. Dam *Dortha Bell* 52643.
Born March 17, 1917. Twin with cow No. 76454. B. and O.: J. T. Marshall, Renfrew, Pa.

76454 **Dortha Bell's Polly**
Sire *Lady Glenwood's Dixie Osborne* 31632. Dam *Dortha Bell* 52643.
Born March 17, 1917. Twin with cow No. 76453. B. and O.: J. T. Marshall, Renfrew, Pa.

76455 **Sequel's Brookside Beauty**
Sire *Brookside's Sequel* 20255. Dam *Ottilie's Pride* 41346.
Born Jan. 15, 1917. B. and O.: D. H. Skinner, Waitsfield, Vt.

76456 **Lass of Brookside**
Sire *Brookside's Sequel* 20255. Dam *Lucy of Brookside* 58782.
Born Feb. 1, 1917. B. and O.: D. H. Skinner, Waitsfield, Vt.

76457 **Fair Oaks Beauty**
Sire *Lady Vanity's King of Oak Lawn* 23770. Dam *Silver Rose of Oak Lawn* 52136.
Born May 6, 1917. B. and O.: Armand P. Rather, Peebles, Wis.

76458 **Blahnik's Beauty of Westmoreland**
Sire *Imp. Westmoreland* 17918. Dam *Beauty of Lindenwood* 34015.
Born Feb. 16, 1917. B.: William Nelson Pelouze, Oconomowoc, Wis. O.: Blahnik Bros., Algoma, Wis.

76459 **Manoa's Queen of Woodside Hall**
Sire *Imp. Surrey* 28728. Dam *Manoa's Butterwitch* 34611.
Born June 26, 1917. B.: Elmer D. Whisler, Newville, Pa. O.: Simon L. Downey, Williamsport, Md.

76460 **Belline Dombey**
Sire *Jack of Locust Hill* 26081. Dam *Belline of Indian Hill* 33874.
Born Jan. 21, 1917. B. and O.: B. E. Williams, West Newton, Pa.

76461 **Golden Queen of Pleasant Hill**
Sire *Golden Masher of Chilmark* 27644. Dam *Queen of Chippewa* 50026.
Born Jan. 3, 1917. B. and O.: W. H. Chapin, Chippewa Falls, Wis.

76462 **Little Ione of Mapleton**
Sire *Maplehurst of Garrattsville* 21916. Dam *Ione of Mapleton* 28982.
Born Nov. 26, 1914. B. and O.: J. E. Thurston, New Lisbon, N. Y.

76463 **Ranger's Topsy of Cedar Spring**
Sire *Ranger of the Glen* 22187. Dam *Raymond VI.'s Topsy of Lewison* 41069.
Born Feb. 28, 1916. B. and O.: Anita C. Baker, Wickford, R. I.

76464 **Pineerest's May Rose of Cedar Spring**
Sire *Pinecrest Golden May Rose King* 30872. Dam *Raymond VI.'s Topsy of Lewison* 41069.
Born May 30, 1917. B. and O.: Anita C. Baker, Wickford, R. I.

76465 **Memento's Fairy Queen**
Sire *Nelly's Memento* 35617. Dam *Keedy's Maid* 41963.
Born April 10, 1917. B. and O.: W. J. Houmes, Lock Springs, Mo.

76466 **Memento's Flossie**
Sire *Nelly's Memento* 35617. Dam *Keedy's Annie Ellen* 60676.
Born May 11, 1917. B. and O.: W. J. Houmes, Lock Springs, Mo.

76467 **Memento's Pearl Spot**
Sire *Nelly's Memento* 35617. Dam *Richmond Echalys* 18823.
Born May 28, 1917. B. and O.: W. J. Houmes, Lock Springs, Mo.

76468 **Pearl's Rose**
Sire *Gold Bloom of Bon Ayre* 27212. Dam *Primrose's Pearl* 40138.
Born Feb. 28, 1917. B. and O.: Cyrus P. Markle, West Newton, Pa.

76469 **Saylor's Masher Lela**
Sire *Saylor's Juniper Masher's Sequel* 28029. Dam *Saylor's Fannie of Beaulieu* 43992.
Born July 15, 1917. B. and O.: William H. Saylor, San Francisco, Cal.

76470 **Saylor's Masher Iola**
Sire *Saylor's Juniper Masher's Sequel* 28029. Dam *Saylor's Combination Maud* 35181.
Born July 20, 1917. B. and O.: William H. Saylor, San Francisco, Cal.

76471 **Saylor's Masher Annette**
Sire *Saylor's Juniper Masher's Sequel* 28029. Dam *Saylor's Justinée's Sequel's Anita* 47795.
Born July 22, 1917. B. and O.: William H. Saylor, San Francisco, Cal.

76472 **Daisy of Mapledale**
Sire *Uneette's Sequel* 22302. Dam *Brookville Hannah of Hillview* 52212.
Born April 9, 1917. B. and O.: Milo Paden, Poland, Ohio.

76473 **Maud's Beauty of Welliversville**
Sire *Dimple Bloom 11th* 29903. Dam *Maud of Welliversville* 28195.
Born March 6, 1917. B. and O.: J. Frank Kline, Bloomsburg, Pa.

76474 **Princess's Beauty of Grand View**
Sire *Dandy of Beirnetown* 29963. Dam *Hero's Princess* 32323.
Born March 1, 1917. B. and O.: H. Baumgartener, Wrightstown, Wis.

76475 **Rega**
Sire *Penthesilia's Champion* 18102. Dam *Lady Regis of Helendale* 53588.
Born May 27, 1917. B. and O.: Helendale Farms, Milwaukee, Wis.

76476 **West Wind Paragon**
Sire *C. Q. D.* 15156. Dam *Darien's Beauty 3d* 43519.
Born May 25, 1917. B.: H. W. Wigman, Lansing, Mich. O.: Edward P. Hammond, Pontiac, Mich.

76477 **Buttercup of Lakeside**
Sire *King of Lakeside* 40226. Dam *Amy of Wildwood* 41778.
Born April 9, 1917. B. and O.: William O. Anderson, Wild Rose, Wis.

76478 **Daisy of Pleasant Maple**
Sire *L'Aiglon of Bon Ayre* 33664. Dam *Rose of Butternut Hill* 42361.
Born April 16, 1917. B.: John Ebels, Holland, Mich. O.: Ross Barber, Fife Lake, Mich.

76479 **Beauty's Gertrude of Pleasant View**
Sire *Goodwill's Hero* 17073. Dam *Primrose's Beauty of Pleasant View* 43801.
Born March 23, 1917. B. and O.: Charles Schmidt, Wrightstown, Wis.

76480 **Irene of Cedar Grove**
Sire *Kaiser Wilhelm* 30707. Dam *Imp. Polly II. of la Forge* 39738.
Born March 31, 1917. B. and O.: A. W. Hast, Berlin Heights, Ohio.

76481 **Raymond's Princess Beauty**
Sire *Zephyrine's Raymond* 23076. Dam *Pride's Princess of Fox Run* 49741.
Born May 16, 1917. B. and O.: John S. Little, Colebrook, N. H.

76482 **Xenia Alfieri 2d**
Sire *Sunny Jim of Westwood* 34912. Dam *Xenia Alfieri* 53014.
Born April 20, 1917. B. and O.: Edwin G. Lawton, Lawtons, N. Y.

76483 **Belle of Pierce**
Sire *Canterbury Masher* 20566. Dam *Sequel's Token* 41095.
Born March 26, 1917. B. and O.: John Boudnik, Kewaunee, Wis.

76484 **Sunbeam of Pierce**
Sire *Canterbury Masher* 20566. Dam *Préference* 41877.
Born April 26, 1917. B. and O.: John Boudnik, Kewaunee, Wis.

76485 **Heartsease of South Hadley**
Sire *Mixter Demonstrator of Hadley* 34313. Dam *Coventry Heartsease 4th* 38681.
Born Feb. 23, 1917. B. and O.: James H. Jones, South Hadley Falls, Mass.

76486 **Cousin of South Hadley**
Sire *Mixter Demonstrator of Hadley* 34313. Dam *Duke's Cousin of Mixter Farm* 44022.
Born April 1, 1917. B. and O.: James H. Jones, South Hadley Falls, Mass.

76487 **South Hadley Princess**
Sire *Mixter Demonstrator of Hadley* 34313. Dam *Coventry Princess 3d* 38687.
Born April 1, 1917. B. and O.: James H. Jones, South Hadley Falls, Mass.

76488 **Lassie of Hope Farm**
Sire *Quaint's Lad* 25786. Dam *Clarissa of Hope Farm* 36026.
Born March 14, 1917. B. and O.: W. B. Douglas, Ferndale, Wash.

76489 **Cloverdale Queen**
Sire *Masher Bass* 26366. Dam *Cloverdale Kate* 57231.
Born May 14, 1917. B. and O.: W. H. Allen, Chelsea, Wis.

76490 **Fortune's Romance**
Sire *Snowden of Pencoyd* 27843. Dam *Princess Fortune* 32225.
Born April 8, 1917. B. and O.: L. S. Murat, Scandinavia, Wis.

76491 **Busy of Pine Ridge**
Sire *Jean Du Luth Dairyman* 30152. Dam *Lassie's Baby* 13301.
Born April 11, 1917. B. and O.: Chris Skaar, Hayward, Minn.

76492 **Bessie of Bayside**
Sire *Pinecrest May Prince* 21427. Dam *Clover of Bayside* 45130.
Born July 16, 1917. B. and O.: Henry C. Everett, Barnstable, Mass.

76493 **Imp. Christine's Valentine**
Sire On Guernsey *Valentine's Honour of the Passée* (R. G. A. S. 3784 P. S.) Dam *Imp. La Belle Christine* 75550.
Born Aug. 2, 1917. Imp. in dam. B.: Henry Robin, Island of Guernsey. O.: S. M. Shoemaker, Eccleston, Md.

76494 **Imp. Emblem's Rosy**
Sire On Guernsey *Ivy's Emblem* (R. G. A. S. 3804 P. S.) Dam *Imp. La Belle Rosy* 75554.
Born Aug. 17, 1917. Imp. in dam. B.: T. M. Vidamour, Island of Guernsey. O.: S. M. Shoemaker, Eccleston, Md.

76495 **Lula Babe 2d**
Sire *Don Basilio* 29643. Dam *Lula Babe* 27882.
Born April 13, 1917. B. and O.: Frank W. Richardson, Garden City, Minn.

76496 **Excellencia VII.'s Estelle**
Sire *Shongo* 37126. Dam *Imp. Excellencia VII.* 28531.
Born March 27, 1917. B. and O.: Slocum Bros., Warsaw, N. Y.

76497 **Dorothy of Warsaw**
Sire *Shongo* 37126. Dam *Excellencia VII.'s Faustina* 72895.
Born June 14, 1917. B. and O.: Slocum Bros., Warsaw, N. Y.

76498 **Elaine of Warsaw**
Sire *Shongo* 37126. Dam *Excellencia VII.'s Leonora* 66370.
Born Sept. 4, 1916. B. and O.: Slocum Bros., Warsaw, N. Y.

76499 **Isabelle of Warsaw**
Sire *Shongo* 37126. Dam *Jeannette of Warsaw* 72894.
Born Oct. 3, 1916. B. and O.: Slocum Bros., Warsaw, N. Y.

76500 **Fanny of Lu-Alyn**
Sire *Prince Oscar of Anna Dean Farm* 27282. Dam *Prudence of Lu-Alyn* 53839.
Born Aug. 8, 1916. B. and O.: A. W. Smith, Pataskala, Ohio.

76501 **Jewel of Lu-Alyn**
Sire *Prince Oscar of Anna Dean Farm* 27282. Dam *Maud of Lu-Alyn* 53840.
Born Nov. 27, 1916. B. and O.: A. W. Smith, Pataskala, Ohio.

76502 **Babe of Lu-Alyn**
Sire *Prince Oscar of Anna Dean Farm* 27282. Dam *Prudence of Hylsted* 34387.
Born Dec. 11, 1916. B. and O.: A. W. Smith, Pataskala, Ohio.

76503 **Goldie of Lu-Alyn**
Sire *Prince Oscar of Anna Dean Farm* 27282. Dam *May of Lu-Alyn* 71561.
Born Feb. 2, 1917. B. and O.: A. W. Smith, Pataskala, Ohio.

76504 **Moccasin's Jenny of Elmwood**
Sire *Moccasin 2d* 29629. Dam *Penwyn's Jenny* 51878.
Born March 26, 1917. B. and O.: Edward Lohrenz, Hortonville, Wis.

76505 **Luzera's Daisy Blossom**
Sire *Dairymaid's Pride of Mapledell 2d* 32479. Dam *Luzera's Daisy* 51256.
Born March 18, 1917. B. and O.: S. D. Williams, Vinton, Iowa.

76506 **Mary King of Corwin Hill**
Sire *Elmhurst May King* 25326. Dam *Mary of Corwin Hill* 51741.
Born March 11, 1917. B. and O.: George W. Barrett, Andover, N. Y.

76507 **Riveroad Lilly Belle**
Sire *Ideal Boy of Birchwood* 19799. Dam *Imp. Verity II. of Lilyvale* 46416.
Born March 6, 1916. B. and O.: John Hetts, Fort Atkinson, Wis.

76508 **Riveroad Olive**
Sire *Ideal Boy of Birchwood* 19799. Dam *Zeffrosa* 43932.
Born June 18, 1916. B. and O.: John Hetts, Fort Atkinson, Wis.

76509 **Kaloolah Queen 2d**
Sire *May King's Laddie of Chilmark* 32065. Dam *Kaloolah Queen* 59034.
Born Jan. 15, 1917. B.: Smith & Holcomb, Farmdale, Ohio. O.: H. J. Hall, Farmdale, Ohio.

76510 **Lady Rose's Evelyn**
Sire *Wasteland Knight* 25085. Dam *Lady Mary's Rose* 40952.
Born Feb. 24, 1917. B.: R. H. Morrison, Burghill, Ohio. O.: Smith & Holcomb, Farmdale, Ohio.

76511 **Daisy Blossom of Farmdale**
Sire *May King's Laddie of Chilmark* 32065. Dam *Pasture's Blossom* 25477.
Born May 11, 1917. B. and O.: Inez Smith, Farmdale, Ohio.

76512 **Laddie's Pride**
Sire *May King's Laddie of Chilmark* 32065. Dam *A. C.'s Pride* 55068.
Born May 9, 1916. B. and O.: Frank C. Weir, Cortland, Ohio.

76513 **France's Queen**
Sire *May King's Laddie of Chilmark* 32065. Dam *Imp. France XXVI.* 24835.
Born Feb. 24, 1917. B. and O.: J. E. Miller, Cortland, Ohio.

76514 **Melinda S.'s Hilda**
Sire *May King's Laddie of Chilmark* 32065. Dam *Melinda S.* 43910.
Born March 2, 1917. B.: F. C. Weir, Cortland, Ohio. O.: J. E. Miller, Cortland, Ohio.

76515 **Lady Whitacre of Cress Lawn**
Sire *May King's Laddie of Chilmark* 32065. Dam *Jessie Encore of Woodcrest* 60506.
Born May 26, 1916. B. and O.: B. E. Totten, Farmdale, Ohio.

76516 **Regent's Antona of Bosworth Field**
Sire *Grasslands Prince Regent* 37430. Dam *Antona of Bosworth Field* 43794.
Born Sept. 11, 1916. B. and O.: Charles W. Bosworth, Springfield, Mass.

76517 **Regent's Foamdrift of Bosworth Field**
Sire *Grasslands Prince Regent* 37430. Dam *Foamdrift of Bosworth Field* 43278.
Born Nov. 23, 1916. B. and O.: Charles W. Bosworth, Springfield, Mass.

76518 **Regent's Miss Foam of Bosworth Field**
Sire *Grasslands Prince Regent* 37430. Dam *Glenstay's Miss Foam* 33830.
Born July 25, 1917. B. and O.: Charles W. Bosworth, Springfield, Mass.

76519 **Galaxy's Princess of Colby Farm**
Sire *Galaxy's Equal of Chestnut Hill* 23176. Dam *Narragansett's Princess* 59473.
Born March 22, 1917. B.: A. C. Ramseyer, Smithville, Ohio. O.: Charles N. Diehl, Clyde, Ohio.

76520 **Princess Aurora**
Sire *Daisy's Holden of Iowa* 27338. Dam *Trixie's Princess* 56439.
Born Feb. 27, 1917. B.: H. D. Lovejoy, West Salem, Wis. O.: John D. Ruble, Albert Lea, Minn.

76521 **Kelsey's Rose of Nutwood**
Sire *Nutwood's Kelsey Primrose* 33765. Dam *Imp. Rose of Enham* 40631.
Born April 5, 1917. B. and O.: H. K. Devereux, Wickliffe, Ohio.

76522 **Ladysmith's May Rose**
Sire *May Rose King 4th* 13736. Dam *Imp. Raymond's Ladysmith* 48469.
Born May 15, 1917. B. and O.: John P. Crozer, Upland, Pa.

76523 **Golden Chance's Amy**
Sire *Golden Chance of Pencoyd* 24302. Dam *Amy of West Farm* 44766.
Born June 8, 1917. B. and O.: John P. Crozer, Upland, Pa.

76524 **Golden Bonny of Valley View**
Sire *Bonny Boy of Riverdale* 29070. Dam *Imp. Godolphin Ruth 3d* 35567.
Born March 4, 1917. B.: William Nelson Pelouze, Oconomowoc, Wis. O.: M. R. Pritchett, River Falls, Wis.

76525 **Alypia**
Sire *Imp. Branford Trusty Croesus* 20873. Dam *Nivara* 23460.
Born April 9, 1917. B. and O.: T. J. Navin, Clarks Corner, Conn.

76526 **Deras**
Sire *Imp. Branford Trusty Croesus* 20873. Dam *Rose of Clarks Corner* 72641.
Born June 6, 1917. B. and O.: T. J. Navin, Clarks Corner, Conn.

76527 **Regina of Forest Lake Farms**
Sire *Leopard of Forest Lake* 22832. Dam *Juno of Forest Lake Farms* 50091.
Born April 30, 1917. B. and O.: Turrell & Degnan, Friendsville, Pa.

76528 **Telma of Forest Lake Farms**
Sire *Leopard of Forest Lake* 22832. Dam *Lioness of Forest Lake* 41543.
Born June 18, 1917. B. and O.: Turrell & Degnan, Friendsville, Pa.

76529 **Cascade Fern**
Sire *Emigrant Lad* 21671. Dam *Juliette of Sequoia* 62415.
Born Aug. 11, 1917. B. and O.: J. A. & J. T. Richey, Boring, Oregon.

76530 **Violet of Chardon**
Sire *Beauty's Duke of Walnut Glens* 28427. Dam *Squire's Mayday* 53197.
Born March 28, 1917. B. and O.: N. G. Bartlett, Chardon, Ohio.

76531 **Del Rey's Tinx**
Sire *Scotty Boy* 31595. Dam *Amy's Del Rey* 55433.
Born April 5, 1917. B. and O.: F. L. White, Kenosha, Wis.

76532 **Aurora of Girdle Ridge**
Sire *Ajax of Girdle Ridge* 21915. Dam *Jennie of Meadowbrook* 28027.
Born June 29, 1917. B. and O.: William Fahnestock, Katonah, N. Y.

76533 **Mollybullion Bucknellian**
Sire *Bucknellian* 25335. Dam *Beauty Bucknellian* 67158.
Born March 23, 1916. B.: E. F. Colvin, Milton, Pa. O.: W. H. Mertz, Northumberland, Pa.

76534 **Mollybullion**
Sire *Mike of Meadow Spring Farm* 35456. Dam *Beauty Bucknellian* 67158.
Born March 17, 1917. B. and O.: W. H. Mertz, Northumberland, Pa.

76535 **Louise of Haddon**
Sire *Glenwood's Main Stay 28th* 17031. Dam *Spring Brook Island Busy Bee* 71436.
Born March 23, 1917. B.: Charles M. Seltzer, Hatboro, Pa. O.: E. T. Gill, Haddonfield, N. J.

76536 **Jean of Clover Hill**
Sire *Chicona Bill Rose* 32913. Dam *The Bell of Clover Hill* 47874.
Born May 13, 1917. B. and O.: J. L. & L. B. Wickersham, Deer Island, Oregon.

76537 **Pacific's Melrose**
Sire *Isabella's May King of the Pacific* 30775. Dam *Pacific's Birchwood Girl* 38774.
Born March 12, 1917. B. and O.: C. S. Rasmussen, Loleta, Cal.

76538 **Pacific's Blossom**
Sire *Isabella's May King of the Pacific* 30775. Dam *Imp. Creatore of Sarnia* 51340.
Born March 12, 1917. B. and O.: C. S. Rasmussen, Loleta, Cal.

76539 **Pacific's Golden Rose**
Sire *Isabella's May King of the Pacific* 30775. Dam *Goldenrod of Chestnut Hill* 25501.
Born March 20, 1917. B. and O.: C. S. Rasmussen, Loleta, Cal.

76540 **Pacific's May King's Violet**
Sire *Isabella's May King of the Pacific* 30775. Dam *Imp. Violet II. of the Grandes Capelles* 28328.
Born March 25, 1917. B. and O.: C. S. Rasmussen, Loleta, Cal.

76541 **Daisy's Arethusa of Woronoak**
Sire *Nerio of The Forges* 29517. Dam *Daisy of Arethusa* 31438.
Born Aug. 25, 1917. B.: E. L. Gillett, Westfield, Mass. O.: Woronoak Farms Co., Westfield, Mass.

76542 **Beauty of Mushkoday**
Sire *Imp. Woodland's May Rose Lad* 31900. Dam *Pet of Spring Brook* 33758.
Born March 28, 1917. B. and O.: John H. Burgin, Fraser, N. Y.

76543 **Pretoria's Lady Benton of Ingleside**
Sire *Pretoria's King of Midlothian* 22641. Dam *Benton's Lady Chesterbrook of Ingleside* 28672.
Born Dec. 11, 1915. B. and O.: Truman W. Brophy, Edison Park, Chicago, Ill.

76544 **Clara's Beauty of Stanford**
Sire *Imp. Governor's Lad of McKerrow Farms* 30405. Dam *Clara of Stanford* 38766.
Born March 20, 1917. B. and O.: William B. Hall, Clinton Corners, N. Y.

76545 **Alma of Stanford**
Sire *Imp. Governor's Lad of McKerrow Farms* 30405. Dam *Zeta Alpha* 21762.
Born March 26, 1917. B. and O.: William B. Hall, Clinton Corners, N. Y.

76546 **Thyra's Governess**
Sire *Imp. Governor's Lad of McKerrow Farms* 30405. Dam *Thyra of the Elms* 16079.
Born March 30, 1917. B. and O.: William B. Hall, Clinton Corners, N. Y.

76547 **Betty of East View Farm**
Sire *Cherry's Raymond of East View Farm* 32591. Dam *Ruth's Alice* 46849.
Born March 24, 1917. B. and O.: W. E. Robinson, Parkers Landing, Pa.

76548 **Rose of East View Farm**
Sire *Cherry's Raymond of East View Farm* 32591. Dam *Ruth's Alice 2d* 52248.
Born June 29, 1917. B. and O.: W. E. Robinson, Parkers Landing, Pa.

76549 **Governor's Pride of Goshen**
Sire *Imp. May's Governor* 30804. Dam *Imp. Friquet's Pride VI. of Rose Farm* 47181.
Born April 23, 1917. B. and O.: J. F. De Vine, Goshen, N. Y.

76550 **Wilson's Butter Girl of Fair View**
Sire *Wilson of Edgewater* 33171. Dam *Imp. Lilly of Penrose* 35400.
Born March 20, 1917. B. and O.: D. E. & Ella A. Eustis, Hammond, N. Y.

76551 **Wilson's Red Wing of Fair View**
Sire *Wilson of Edgewater* 33171. Dam *Fiona of Hammond* 38005.
Born March 22, 1917. B. and O.: D. E. & Ella A. Eustis, Hammond, N. Y.

76552 **Malissa of River View**
Sire *Rose's Jimmy* 34764. Dam *Mattie of River View* 45197.
Born March 17, 1917. B. and O.: D. E. Voorhees, Plainville, N. Y.

76553 **Velma Mae B.**
Sire *Mariam's Prince of Arrow Farm* 39763. Dam *Follyland Brenda Troil* 52063.
Born April 17, 1917. B. and O.: Robert E. Shaw, Greenwich, N. Y.

76554 **Dewdrop of Mound City**
Sire *Dairymaid's Glenwood of Pinehurst 3d* 26948. Dam *Imp. Clara of Mound City* 52702.
Born March 26, 1917. B. and O.: Charles A. Wilkins, Platteville, Wis.

76555 **Deanie of Mound City**
Sire *Dairymaid's Glenwood of Pinehurst 3d* 26948. Dam *Lady of Mound City* 43094.
Born April 8, 1917. B. and O.: Charles A. Wilkins, Platteville, Wis.

76556 **Alice of Mound City**
Sire *Dairymaid's Glenwood of Pinehurst 3d* 26948. Dam *Lily's Golden Fawn G.* 27452.
Born April 11, 1917. B. and O.: Charles A. Wilkins, Platteville, Wis.

76557 **Silver of Mound City**
Sire *Dairymaid's Glenwood of Pinehurst 3d* 26948. Dam *Goldie of Linwood* 43779.
Born April 23, 1917. B. and O.: Charles A. Wilkins, Platteville, Wis.

76558 **Rosebud of Mound City**
Sire *Dairymaid's Glenwood of Pinehurst 3d* 26948. Dam *Glen Rose of Haddon* 35749.
Born April 26, 1917. B. and O.: Charles A. Wilkins, Platteville, Wis.

76559 **Souvenir's Cosy**
Sire *St. Austell Souvenir* 28040. Dam *Tonyia* 53489.
Born July 7, 1917. B. and O.: W. H. Umholtz, Niles, Mich.

76560 **Hayfields Maize**
Sire *Grasslands Cadet* 37192. Dam *Hayfields Mary* 59969.
Born July 2, 1917. B. and O.: William M. Benjamin, Garrison, N. Y.

76561 **Frances Belle**
Sire *Royal Yeksa Jeweller* 39005. Dam *Janette of Chestnut Hill* 50681.
Born April 17, 1917. B. and O.: Morris B. Johnson, Alliance, Ohio.

76562 **Dairymaid's Jane of Fox Valley**
Sire *Dairymaid's Criterion of Iowa* 28187. Dam *Glenwood's Honey of Fox Valley* 57881.
Born March 15, 1917. B. and O.: C. J. Kuhtz & Sons, Waukesha, Wis.

76563 **Dairymaid's Maggie of Fox Valley**
Sire *Dairymaid's Criterion of Iowa* 28187. Dam *Roselle of Fox Valley* 61739.
Born July 10, 1917. B. and O.: Charles J. Kuhtz, Waukesha, Wis.

76564 **Juanita Bess**
Sire *Alexander of Oak Hill* 34629. Dam *Copperbottom's La Tosca* 34628.
Born April 3, 1917. B. and O.: Mrs. May Randolph, Ashville, N. Y.

76565 **Katrina of Fairlea**
Sire *Prince of Birchton* 27473. Dam *Catherine of Birchton* 39276.
Born April 27, 1917. B. and O.: Isaac Kimball, Ballston Spa, N. Y.

76566 **Miss Nancy Lyons of Maple Rest**
Sire *Duke of Ferncroft* 35514. Dam *Miss Emma Lyons of Maple Rest* 52403.
Born July 25, 1917. B. and O.: Lewis S. Hendrick, Easthampton, Mass.

76567 **Princess of Klover Knolls**
Sire *Marion Jeweller's King* 27876. Dam *Titanic's Butter Queen* 54510.
Born March 13, 1917. B. and O.: H. D. Gleason, Meadville, Pa.

76568 **Claudia of Elmdale**
Sire *Royal Blue of Antrim Place* 28793. Dam *Velma of Elmdale* 64026.
Born May 1, 1916. B. and O.: J. H. Hixon, Canonsburg, Pa.

76569 **Fern of Elmdale**
Sire *Royal Blue of Antrim Place* 28793. Dam *Florence of Elmdale* 27962.
Born Jan. 26, 1917. B. and O.: J. H. Hixon, Canonsburg, Pa.

76570 **Tom Rilma's Elnora of Pineland**
Sire *Tom Rilma* 22539. Dam *Elnora of Pineland* 54629.
Born March 15, 1917. B. and O.: Milton B. Sisson, Almond, N. Y.

76571 **Royal's Ponchez**
Sire *Langwater Royal 11th* 27581. Dam *Miss Ponchez of Lewison* 27632.
Born May 16, 1917. B. and O.: T. S. Irwin, Atglen, Pa.

76572 **Cherry March**
Sire *May King of Maplehurst* 16050. Dam *Marshie D.* 12408.
Born Aug. 10, 1915. B. and O.: William H. Rutherford, Madrid, N. Y.

76573 **Orrie Hurst**
Sire *May King of Maplehurst* 16050. Dam *King's Orrie* 47319.
Born Sept. 13, 1915. B. and O.: William H. Rutherford, Madrid, N. Y.

76574 **Count's Elvira**
Sire *Itchen Chloe's Bonnie Boy of West Lawn* 34737. Dam *Gypson's Count's Viola* 53119.
Born March 19, 1917. B. and O.: Carl Thompson, Westby, Wis.

76575 **Queen Luella of Iowanola**
Sire *Cherub's Winner* 34180. Dam *Luella of Alfalfa Farms* 42966.
Born June 5, 1917. B. and O.: C. A. Mountain, Des Moines, Iowa.

76576 **Simplicity's Glenwood of Iowanola**
Sire *Cherub's Winner* 34180. Dam *Simplicity of Haddon* 47876.
Born June 24, 1917. B. and O.: Charles R. Mountain, Des Moines, Iowa.

76577 **Golden Queen of Iowanola**
Sire *Cherub's Winner* 34180. Dam *Golden Polly O. D.* 40905.
Born June 25, 1917. B. and O.: Charles R. Mountain, Des Moines, Iowa.

76578 **Golden Pet of Iowanola**
Sire *Cherub's Winner* 34180. Dam *Golden Memory O. D.* 45056.
Born June 29, 1917. B. and O.: Charles R. Mountain, Des Moines, Iowa.

76579 **Lydia May of Iowanola**
Sire *Cherub's Winner* 34180. Dam *Lydia Arnold of Homa Della* 60011.
Born July 31, 1917. B. and O.: C. A. Mountain, Des Moines, Iowa.

76580 **Cherub's Lilly of Iowanola**
Sire *Cherub's Winner* 34180. Dam *Waukesha's Lilly* 31915.
Born Aug. 17, 1917. B. and O.: Charles R. Mountain, Des Moines, Iowa.

76581 **Polly May of Iowanola**
Sire *Cherub's Winner* 34180. Dam *Pollyanna of Iowanola* 63769.
Born Sept. 1, 1917. B. and O.: Charles R. Mountain, Des Moines, Iowa.

76582 **Omega Kive's Ella**
Sire *Blue Belle's Minnette's Sequel* 29053. Dam *Chippewa Omega Kive* 45591.
Born March 3, 1917. B. and O.: J. F. Townsend, Chippewa Lake, Ohio.

76583 **Tillie May**
Sire *Lady's May King of Andover* 34424. Dam *Miss Hilda May* 63189.
Born June 10, 1917. B. and O.: C. P. Nagle, Andover, Ohio.

76584 **Rosemead Daisy**
Sire *Imp. Vallon May Rose Lad* 39926. Dam *Imp. Dido of Clovelly* 65783.
Born July 24, 1917. B.: F. S. Peer, Cranford, N. J. O.: James E. Rothwell, Cotuit, Mass.

76585 **Pencader's Nora**
Sire *Anton's May King* 27387. Dam *Criterion's Betsey of Bellview* 57902.
Born March 26, 1917. B. and O.: Bayard Murray, Newark, Del.

76586 **Pencader's Polly**
Sire *Anton's May King* 27387. Dam *Criterion's Lady Roberts of Bellview* 57903.
Born April 18, 1917. B. and O.: Bayard Murray, Newark, Del.

76587 **Pencader's Madge**
Sire *Anton's May King* 27387. Dam *Criterion's Minnie of Bellview* 57900.
Born June 10, 1917. B. and O.: Bayard Murray, Newark, Del.

76588 **Joan of Langwater**
Sire *Langwater Warrior* 26509. Dam *Minnie Minted Gold* 40720.
Born July 9, 1917. B. and O.: John S. Ames, North Easton, Mass.

76589 **Langwater Paysanne**
Sire *Langwater Warrior* 26509. Dam *Langwater French Lady* 55279.
Born Aug. 23, 1917. B. and O.: John S. Ames, North Easton, Mass.

76590 **Elnora E. of Drury Lane Farm**
Sire *Duke of Drury Lane* 30615. Dam *Imp. Lihou Bell II.* 36427.
Born Oct. 1, 1916. B. and O.: F. E. Drury, Willoughby, Ohio.

76591 **Prudence of Drury Lane Farm**
Sire *Duke of Drury Lane* 30615. Dam *Imp. Brickfield Beauty IV.* 36440.
Born Dec. 5, 1916. B. and O.: F. E. Drury, Willoughby, Ohio.

76592 **Rosamond C. of Drury Lane Farm**
Sire *Duke of Drury Lane* 30615. Dam *Le Dade of Drury Lane Farm* 53509.
Born Jan. 31, 1917. B. and O.: F. E. Drury, Willoughby, Ohio.

76593 **Lady Belle of Wyldwood**
Sire *Levi P. Mac* 10485. Dam *Belle of Cornwell* 31877.
Born April 22, 1914. B. and O.: H. T. Boyd, Cornwell, S. C.

76594 **Red Rose of Hebron**
Sire *King of the May's Rose Bud* 35999. Dam *Sonsie's Questa Bloom* 48278.
Born March 24, 1917. B. and O.: Robert Gould Shaw, 2d, Newton Center, Mass.

76595 **Brook Violet of Hebron Farm**
Sire *Brookmead's Busy Lad* 27707. Dam *Pan's Royal Questa Bloom* 43282.
Born May 18, 1917. B. and O.: Robert Gould Shaw, 2d, Newton Center, Mass.

76596 **Sundari's Alfa Queen**
Sire *Sundari's Star of Pleasant View* 34443. Dam *Lilian Glenwood's Alfa* 55674.
Born March 8, 1917. B. and O.: George O. Lucia, Green Bay, Wis.

76597 **Sundari's Martha**
Sire *Sundari's Star of Pleasant View* 34443. Dam *Glenwood's Lady Martha* 53149.
Born March 10, 1917. B. and O.: George O. Lucia, Green Bay, Wis.

76598 **Sundari's Lady Bishop**
Sire *Sundari's Star of Pleasant View* 34443. Dam *Glenwood's Lady Bishop* 49220.
Born March 12, 1917. B. and O.: George O. Lucia, Green Bay, Wis.

76599 **Mary's Maypole of Buckeye Farm**
Sire *Sensitive's Sequel* 25840. Dam *Mary's Maypole* 42143.
Born March 26, 1917. B. and O.: Rush Taggart, New Canaan, Conn.

76600 **Queen of Buckeye Farm 2d**
Sire *Sensitive's Sequel* 25840. Dam *Queen of Buckeye Farm* 44869.
Born April 1, 1917. B. and O.: Rush Taggart, New Canaan, Conn.

76601 **Rose France**
Sire *Rockingham's President* 30401. Dam *Buttercup of Birch Plain* 58599.
Born July 6, 1917. B. and O.: M. L. Trail, Groton, Conn.

76602 **Isee Oweenee**
Sire *Langwater Golden Secret* 26510. Dam *Royal's Nankeen* 58615.
Born April 23, 1917. B.: M. T. Phillips, Pomeroy, Pa. O.: J. H. Epps, Jonesboro, Tenn.

76603 **Belle Oweenee**
Sire *Magnet Oweenee* 34903. Dam *Mildred of Oakwood* 49839.
Born Sept. 10, 1917. B. and O.: J. H. Epps, Jonesboro, Tenn.

76604 **Ione of Bellmath**
Sire *Golden Boy of Edgewater* 25304. Dam *Miss Mulford of Bellmath* 57765.
Born March 2, 1917. B. and O.: H. C. Crocker & Son, Sennett, N.Y.

76605 **Bettie of Bellmath**
Sire *Golden Boy of Edgewater* 25304. Dam *Bessie May of Bellmath* 56678.
Born March 6, 1917. B. and O.: H. C. Crocker & Son, Sennett, N. Y.

76606 **Lillian of Greenfield**
Sire *The Quest of Follyland 2d* 34842. Dam *Nellie of Greenfield* 43403.
Born July 29, 1917. B. and O.: Frank Gick, Saratoga Springs, N. Y.

76607 **Maple Lind Lady**
Sire *North American* 18539. Dam *Mirabel Martin* 42856.
Born Feb. 6, 1916. B. and O.: Pope N. West, Waupaca, Wis.

76608 **Ina Mardoola**
Sire *Queen's Governor of Oakhurst* 22781. Dam *Glenidore 3d* 32957.
Born April 2, 1917. B. and O.: H. W. Naylor, Mount Vision, N. Y.

76609 **Zilpha Arlena**
Sire *Queen's Governor of Oakhurst* 22781. Dam *Pride's Rosamond* 44649.
Born May 23, 1917. B. and O.: H. W. Naylor, Mount Vision, N. Y.

76610 **Princess of Hicks Valley**
Sire *Earl's Happy Boy* 28540. Dam *Miss Holton of Clovermead* 47849.
Born April 10, 1917. B. and O.: Scott Hicks, Pepin, Wis.

76611 **Masher's Lleda of Crystal Springs**
Sire *Masher King of Farview* 33356. Dam *Princess Necia of Crystal Springs* 59056.
Born March 15, 1917. B. and O.: L. A. Devine, Rush, Pa.

76612 **Masher King's Jolly of Crystal Springs**
Sire *Masher King of Farview* 33356. Dam *Queen of Crystal Springs* 43082.
Born March 19, 1917. B. and O.: L. A. Devine, Rush, Pa.

76613 **Lady Delaware's Nellie**
Sire *Charmante's Prince* 24531. Dam *Lady Delaware of Riverside* 26758.
Born April 18, 1917. B. and O.: A. C. Larson, Galva, Kansas.

76614 **Jesteen of Far View**
Sire *Beth's May Rose* 32666. Dam *Francesca of Highway* 56599.
Born April 2, 1917. B. and O.: Charles L. Shaffer, Thomasville, Pa.

76615 **Sally of Pleasant Valley**
Sire *Rock Maple Pride* 34020. Dam *Fairy Falwick* 57411.
Born June 27, 1917. B. and O.: George T. Greenhalgh, Pawtucket, R. I.

76616 **Trevose Maid**
Sire *Snowball's Sequel* 39292. Dam *Trevose Lady of Maplecrest* 49717.
Born April 22, 1917. B. and O.: Crawford & Davis, Newark, Ohio.

76617 **Charlotte's Rose of Rural Glade**
Sire *Blue Bell's King of Maplehurst* 29678. Dam *Charlotte of Rural Glade* 59301.
Born March 23, 1917. B. and O.: S. W. Townsend, Cochranville, Pa.

76618 **Prince's Anne of Cass**
Sire *Rose Bud's Prince* 27970. Dam *Butter Queen of Cass* 33929.
Born March 14, 1917. B. and O.: W. D. Kahler, Jones, Mich.

76619 **Dimple's Primrose of Fairview**
Sire *Poppy Boy of Sunnyside* 23640. Dam *Dimple of Mapleside 2d* 38074.
Born April 30, 1917. B. and O.: John H. Wheat & Son, Moravia, N. Y.

76620 **Lochevan Buttercup**
Sire *King Masher 3d* 17754. Dam *Buttercup's Excelsa* 54780.
Born May 23, 1917. B. and O.: Spencer Kellogg, Derby, N. Y.

76621 **Primrose Opal**
Sire *Clover Blossom's Jacob* 30977. Dam *Prudy's Bonny Primrose* 50739.
Born May 6, 1917. B. and O.: J. H. Lower, Edna, Kansas.

76622 **Lassie's Valentine of Pine Grove**
Sire *King Solomon of Shady Nook* 29568. Dam *Lassie of Arenac* 36631.
Born Feb. 14, 1917. B. and O.: Frank R. Payea, Standish, Mich.

76623 **Alice of the Rancho**
Sire *Golden Lad of Elm Crest* 18778. Dam *Hattie H.* 34732.
Born Nov. 20, 1914. B. and O.: John E. Roberts, Alfred, Maine.

76624 **Snowball of Elm Crest**
Sire *Golden of Sonnenberg* 28367. Dam *Alice of the Rancho* 76623.
Born Nov. 22, 1916. B. and O.: John E. Roberts, Alfred, Maine.

76625 **Johnella of Parkwood**
Sire *Galaxy's Equal of Chestnut Hill* 23176. Dam *Pride of Orchard Bluff* 62808.
Born Feb. 10, 1917. B.: A. C. Ramseyer, Smithville, Ohio. O.: William H. Steffens, Toledo, Ohio.

76626 **Alice O. of Creswell**
Sire *Enola's Ledyard Bay* 26935. Dam *Belle Berley of La Grange* 56839.
Born April 14, 1917. B.: Mark M. Robinson, Forest Depot, Va. O.: Charles E. Heald, Lynchburg, Va.

76627 **Bessie Simpson**
Sire *Sam Simpson* 22809. Dam *Bessie B. of Glen Grove* 30649.
Born May 3, 1917. B.: Augustine & Kyer, Seattle, Wash. O.: King County Farm, Seattle, Wash.

76628 **Chilmark's Rival Cora**
Sire *Chilmark Rival Governor* 34190. Dam *Antoinette of Chilmark* 24816.
Born Feb. 1, 1917. B. and O.: V. Everit Macy, Ossining, N. Y.

76629 **Emma Apalachicola**
Sire *Bing* 24598. Dam *Apalachicola* 44059.
Born March 8, 1917. B. and O.: Campbell Live Stock, Grain & Farm Co., Independence, Iowa.

76630 **Emma Dimple of Maple Lane Farm**
Sire *Prince Alfred Chêne of Ayersdale* 29002. Dam *Ruby of Hickory Dell* 42133.
Born Jan. 30, 1917. B.: Mrs. Emma G. Ayers, Dallas, Pa. O.: D. C. Lauderbach, Dallas, Pa.

76631 **Pretor's Daisy Golden**
Sire *Dairymaid's Ledyard Bay* 26931. Dam *Pretor's Daisy of Bluff View* 40833.
Born Feb. 26, 1917. B. and O.: James D. Gibson, Whitney Crossings, N. Y.

76632 **Zero Maid of Saradale**
Sire *Ringard* 26343. Dam *Dairy Maid of Saradale* 39777.
Born Dec. 18, 1916. B. and O.: A. Pachernigg, Taylor, Wis.

76633 **Winona's Echo of Sennett County Farm**
Sire *Gloria's Governor of Wa-Wa-Yandah* 34541. Dam *Onondaga's Winona* 21475.
Born March 17, 1917. B. and O.: Arthur L. Smith, Auburn, N. Y.

76634 **Yeksa's Girl Marquinetta**
Sire *Lord Yeksa's Boy* 28738. Dam *Marquinetta* 40830.
Born Nov. 7, 1916. B. and O.: Clifford Capener, Baraboo, Wis.

76635 **Gay Lad's Primrosebud**
Sire *Imp. Gay Lad of Lone Pine* 17684. Dam *Imp. Lisle's Primrose* 26931.
Born April 19, 1917. B. and O.: Charles O. Govin, Menomonie, Wis.

76636 **Peach's Countess Fantine of Angra**
Sire *Masher's Count Victor* 30105. Dam *Peach Sunflower* 46254.
Born Dec. 29, 1916. B.: Andrew Bogner, Andale, Kansas. O.: R. C. Krueger, Burlington, Kansas.

76637 **Jesmine of Needham**
Sire *Rouge of Ames* 24405. Dam *Elsie of Bradhurst* 45339.
Born May 14, 1917. B. and O.: A. F. Howard, Farmville, Va.

76638 **Angaline-Creta**
Sire *Rival of Owasco Lake* 32490. Dam *Wanona* 59575.
Born March 14, 1917. B. and O.: George R. Turner, Deposit, N. Y.

76639 **Mona-Kala**
Sire *Rival of Owasco Lake* 32490. Dam *Itchen's Pride* 43539.
Born March 27, 1917. B. and O.: George R. Turner, Deposit, N. Y.

76640 **Apple Tree Adalina**
Sire *Royal's Red King* 31275. Dam *Shoquoquon Susan* 47799.
Born July 13, 1917. B. and O.: Charles E. Perkins, Burlington, Iowa.

76641 **Fly of Pine Hill**
Sire *Leading Lady's Gay Lad* 19655. Dam *Floss of Holyoke* 28975.
Born Feb. 22, 1917. B.: McKay Bros., Holyoke, Minn. O.: E. A. Black & Sons, Howard City, Mich.

76642 **Fairy Beauty**
Sire *Menomonie's Duke* 16360. Dam *Babe of Fern Hill* 40767.
Born Oct. 8, 1916. B. and O.: William Burck, Menomonie, Wis.

76643 **Eva's Buttercup**
Sire *Glen Gable Belshazzar* 31575. Dam *Glen Gable Eva* 57694.
Born March 20, 1917. B.: William F. Gable, Wyebrooke, Pa. O.: Harwood Bros., Wattsburg, Pa.

76644 **Ethel of Orchard View**
Sire *Nelly's Goldseeker of Anna Dean Farm* 35742. Dam *Esther of Greenville* 63976.
Born Aug. 19, 1917. B.: W. J. Royer, Orrville, Ohio. O.: W. A. Hickman, Canonsburg, Pa.

76645 **Eulalia's Princess Nina**
Sire *Prospect of Willowcrest* 26670. Dam *Princess Eulalia* 64750.
Born May 15, 1917. B. and O.: F. A. Owen, Delaware, Ohio.

76646 **Iona of Orange Guernsey Farm**
Sire *Prospect of Willowcrest* 26670. Dam *Princess of Roslyn* 22970.
Born July 9, 1917. B. and O.: F. A. Owen, Delaware, Ohio.

76647 **Lady May's Little Wonder**
Sire *Prospect of Willowcrest* 26670. Dam *Enid's Lady May* 64751.
Born Aug. 23, 1917. B. and O.: F. A. Owen, Delaware, Ohio.

76648 **Jeanette of Jericho**
Sire *St. Austell Salient* 27555. Dam *Losca of Haddon* 41808.
Born Aug. 16, 1917. B. and O.: N. C. Dahl, South Haven, Mich.

76649 **Lena's Viola**
Sire *Billy Hyacinth of Hazelbrook* 30974. Dam *Lena Weechie* 46442.
Born April 20, 1917. B. and O.: Est. John J. Gault, Fernwood, Ohio.

76650 **Beulah's Isabella**
Sire *Billy Hyacinth of Hazelbrook* 30974. Dam *Beulah Kathleen* 63493.
Born April 30, 1917. B. and O.: Est. John J. Gault, Fernwood, Ohio

76651 **Bessie's Susanna**
Sire *Billy Hyacinth of Hazelbrook* 30974. Dam *Bessie Rosetta* 63492.
Born May 4, 1917. B. and O.: Est. John J. Gault, Fernwood, Ohio.

76652 **Thelma's Bonnie Bright**
Sire *Billy Hyacinth of Hazelbrook* 30974. Dam *Pearl's Thelma* 27759.
Born May 13, 1917. B. and O.: Est. John J. Gault, Fernwood, Ohio.

76653 **Fawn's May Bell**
Sire *Billy Hyacinth of Hazelbrook* 30974. Dam *Hilda's Fawn* 46444.
Born May 28, 1917. B. and O.: Est. John J. Gault, Fernwood, Ohio.

76654 **Imp. Primrose of Summit Farm**
Sire On Alderney *Douglas of Dairy Farm* (R. A. A. S. 204 P. S.)
Dam *Imp. Elucid of Sarnia* 73707.
Born July 18, 1917. Imp. in dam. B.: T. W. Shade, Island of Alderney. O.: W. J. Bullivant, Kimball, Minn.

76655 **Sense's Queen Bess**
Sire *Chêne King of Anna Dean Farm* 27284. Dam *Sense of Fritzlyn* 49872.
Born March 21, 1917. B. and O.: B. E. Ruckel, Sharon Center, Ohio.

76656 **Masher Sequel's Rutila**
Sire *Masher Sequel of Clover Hill* 29484. Dam *Duchess Rutila 3d* 33412.
Born March 18, 1917. B. and O.: Merritt R. Farnam, Ira, N. Y.

76657 **Masher's Rutila 2d**
Sire *Masher Sequel of Clover Hill* 29484. Dam *Masher's Rutila* 53074.
Born March 26, 1917. B. and O.: Merritt R. Farnam, Ira, N. Y.

76658 **Chief's Merrylegs of Mountain View**
Sire *Jewel's Chief of Fairview* 31193. Dam *Dorcas of Riverside* 34480.
Born March 19, 1917. B. and O.: A. T. Smith & Son, Barre, Vt.

76659 **Magnetta Belle**
Sire *Evergreen Sequel* 33288. Dam *Magnetta* 68636.
Born Aug. 15, 1917. B. and O.: Wallace Sprang, Lakeville, Ohio.

76660 **Cherry Blossom of Georgetown**
Sire *Imp. I'll Do* 30339. Dam *Cherry of Hammond* 38004.
Born April 15, 1917. B. and O.: Floyd S. Darrow, Georgetown Station, N. Y.

76661 **Matilda of Georgetown**
Sire *Imp. I'll Do* 30339. Dam *Auburn Beauty 7th* 54149.
Born May 6, 1917. B. and O.: Floyd S. Darrow, Georgetown Station, N. Y.

76662 **Olive Blossom**
Sire *Rondy B. of Edgewater* 31178. Dam *Olive Leaf* 51693.
Born March 3, 1917. B. and O.: G. W. Tailby, Jr., Ithaca, N. Y.

76663 **Laurel Green Mar**
Sire *Reed's Marshall* 17091. Dam *Centerville Sunbeam Mar* 50393.
Born April 7, 1917. B.: Harry A. Jones & Bro., Fredericktown, Pa. O.: C. H. Day, Clarksville, Pa.

76664 **Itchen May Queen**
Sire *Itchen May King of Stannox* 34377. Dam *Hailey's Lass* 42482.
Born April 4, 1917. B.: Clement S. Houghton, Sherborn, Mass. O.: Robert Gould Shaw, 2d, Newton Center, Mass.

76665 **Threebrook's Honeysuckle**
Sire *Maud's Bijou of Threebrook* 37408. Dam *Meadow Brook's Darling* 43603.
Born March 28, 1917. B. and O.: William H. Dixon, Williamstown, Mass.

76666 **Susie of Spring Brook**
Sire *Gabriel of Crystal Springs* 24099. Dam *Miss Topsy of Cherry Hill Farm* 44144.
Born March 22, 1917. B. and O.: Joseph Zahorik, Cato, Wis.

76667 **Flora of Spring Brook**
Sire *Gabriel of Crystal Springs* 24099. Dam *Markita of Spring Brook Farm* 52315.
Born April 3, 1917. B. and O.: Joseph Zahorik, Cato, Wis.

76668 **Cherub's Lass of Sunnyside**
Sire *Imp. Hayes Cherub 2d* 25147. Dam *Imp. Citron 24th* 67854.
Born Sept. 5, 1917. B.: W. W. Marsh, Waterloo, Iowa. O.: Aaron C. Bagg, Holyoke, Mass.

76669 **Guernest Melba**
Sire *Ne Plus Ultra 4th* 29328. Dam *Buttercup's Lady of Sunnyside* 46192.
Born March 21, 1917. B. and O.: C. J. Hewitt, Locke, N. Y.

76670 **Guernest Florence**
Sire *Ne Plus Ultra 4th* 29328. Dam *Florence J.* 44942.
Born July 1, 1917. B. and O.: C. J. Hewitt, Locke, N. Y.

76671 **Guernest Ruth**
Sire *Ne Plus Ultra 4th* 29328. Dam *Rose III.'s Ruth of Broad Ridge* 45439.
Born Aug. 6, 1917. B. and O.: C. J. Hewitt, Locke, N. Y.

76672 **Hilda of Waylando**
Sire *Camp's Governor of Keewaydin* 27505. Dam *Hildeswald* 32201.
Born April 28, 1917. B. and O.: Vincent Seidel, Wayland, Ohio.

76673 **Hildreth 2d**
Sire *Harwood Farm Moxie Boy* 34835. Dam *Hildreth* 27646.
Born March 17, 1917. B. and O.: William H. Boyden, Leominster, Mass.

76674 **Hambro's Estelle**
Sire *Belle T.'s Hambro* 29114. Dam *Dominion's Estelle* 26370.
Born March 26, 1917. B. and O.: J. E. Mack, Fort Atkinson, Wis.

76675 **Glenwood Diamond's Rose**
Sire *Lady's Glenwood Diamond* 24911. Dam *Beauty's Fantine 2d's Rosie S.* 27612.
Born March 16, 1917. B. and O.: Schmit Bros., Eau Claire, Wis.

76676 **Golden Link's Daisy of Spring Brook**
Sire *De Witt J. 3d* 29828. Dam *Homestead's Golden Link's Daisy* 52418.
Born March 18, 1917. B. and O.: Charles Coleman, Perry, N. Y.

76677 **Chloe of Cold Brook Farm**
Sire *Hero of Cold Brook Farm* 35329. Dam *Belle of Presque Isle* 42131.
Born March 19, 1917. B.: H. F. McGlauflin, Presque Isle, Maine. O.: Charles H. Berry, Monmouth, Maine.

76678 **Patricia of Sunset Hill**
Sire *Libby's Prince of Orange* 21874. Dam *Betty Bay 2d* 19443.
Born March 29, 1917. B.: W. A. Bullock, Barneveld, N. Y. O.: George H. Norris, Barneveld, N. Y.

76679 **Gladys of Kent**
Sire *Bonny of the Ridge* 34580. Dam *Princess Gladys* 60275.
Born July 7, 1917. B. and O.: Edward Lowe, Grand Rapids, Mich.

76680 **Sagolgwyn**
Sire *Triumph's Golden Noble* 27241. Dam *Sagestina* 27522.
Born May 15, 1917. B. and O.: Joseph S. Evans, Gwynedd Valley, Pa.

76681 **Onward's Lela**
Sire *Onward of Holmen* 20669. Dam *Lela Esther of Nutricia* 45367.
Born May 9, 1917. B. and O.: W. O. Bohart, Bozeman, Mont.

76682 **Onward Girl**
Sire *Onward of Holmen* 20669. Dam *Lela Brutus of Bozeman* 55095.
Born July 6, 1917. B. and O.: W. O. Bohart, Bozeman, Mont.

76683 **Golden Hero's Anne of Gusanna**
Sire *Golden Hero of Grenwode* 27034. Dam *Anne of Grenwode* 36885.
Born March 21, 1917. B. and O.: Julius Clausing, Grafton, Wis.

76684 **Brindle Dell**
Sire *Franco M.* 31352. Dam *Zada M.'s Doris* 48961.
Born March 21, 1917. B. and O.: F. O. Melvin, Bradford, N. H.

76685 **Flossie's Fanchion of Aldermead**
Sire *Beauty's Glen of Aldermead* 37138. Dam *Aldermead's Flossie* 41802.
Born May 11, 1917. B. and O.: Est. S. W. Hartt, Port Angeles, Wash.

76686 **Beauty's Goldie of Aldermead**
Sire *Beauty's Glen of Aldermead* 37138. Dam *Hartt's Beauty* 16490.
Born June 10, 1917. B. and O.: Est. S. W. Hartt, Port Angeles, Wash.

76687 **Lauraine's Primrose of Aldermead**
Sire *Beauty's Glen of Aldermead* 37138. Dam *Aldermead's Lauraine* 47580.
Born Aug. 20, 1917. B. and O.: Est. S. W. Hartt, Port Angeles, Wash.

76688 **Alzada of Eastside**
Sire *Tom Rilma's Son of Oakdale* 30831. Dam *Nisi of Eastside 2d* 46488.
Born March 24, 1917. B. and O.: Albert A. Bird, Cattaraugus, N. Y.

76689 **Judy of Eastside**
Sire *Tom Rilma's Son of Oakdale* 30831. Dam *Nisi of Eastside* 22819.
Born March 24, 1917. B. and O.: Albert A. Bird, Cattaraugus, N. Y.

76690 **Alberta of Eastside**
Sire *Tom Rilma's Son of Oakdale* 30831. Dam *Alice of Eastside* 46486.
Born March 25, 1917. B. and O.: Albert A. Bird, Cattaraugus, N. Y.

76691 **Mona of Locust Grove**
Sire *Stranford's King of the May* 32153. Dam *Valentine of Locust Grove* 51460.
Born March 20, 1917. B. and O.: Asa Moore, Mullica Hill, N. J.

76692 **Lola of Locust Grove**
Sire *Stranford's King of the May* 32153. Dam *Albina of Locust Grove* 61904.
Born March 25, 1917. B. and O.: Asa Moore, Mullica Hill, N. J.

76693 **Charm of Maplecrest**
Sire *Beau Regal's Chance* 17428. Dam *Tan Tivy of Maplecrest* 59557.
Born June 28, 1915. B. and O.: George W. Love, Garrettsville, Ohio.

76694 **Maxine of Maplecrest**
Sire *Imp. Spotswood Sequel* 9686. Dam *Actress of Maplecrest* 52733.
Born Nov. 5, 1915. B. and O.: George W. Love, Garrettsville, Ohio.

76695 **Imp. Rose of Glass Lake**
Sire On Guernsey *Gay Boy VI. of Myrtle Place* (R. G. A. S. 3518 P. S.)
Dam *Imp. Rosette of Courtillion* 75373.
Born May 19, 1917. Imp. in dam. B.: Delisles Vineries, Island of Guernsey. O.: F. S. Peer, Cranford, N. J.

76696 **Glenwood's Golden Pearl**
Sire *Golden of Helen Wood* 31287. Dam *Glenwood's Maize of White Farm* 44097.
Born July 2, 1917. B. and O.: R. H. McDonald, Stewartstown, Pa.

76697 **Santa Anna**
Sire *Overland's Royal King* 27604. Dam *Dahlia of Barrymoor* 54414.
Born Dec. 4, 1916. B. and O.: J. S. Cullinan, Houston, Texas.

76698 **Katonah's Dew Drop**
Sire *Dairymaid's Glenwood of Pinehurst 8th* 30900. Dam *Katonah's Sultana* 42577.
Born March 20, 1917. B. and O.: Clarence Whitman, Katonah, N. Y.

76699 **Katonah's Vinilla**
Sire *Imp. Sequel's Monogram* 15649. Dam *Katonah's Queen* 26744.
Born March 25, 1917. B. and O.: Clarence Whitman, Katonah, N. Y.

76700 **Katonah's Myria**
Sire *Imp. Sequel's Monogram* 15649. Dam *Katonah's Flora* 37894.
Born March 29, 1917. B. and O.: Clarence Whitman, Katonah, N. Y.

76701 **Katonah's Georgie**
Sire *Dairymaid's Glenwood of Pinehurst 8th* 30900. Dam *Stockbridge Queen* 21638.
Born May 5, 1917. B. and O.: Clarence Whitman, Katonah, N. Y.

76702 **Alvaretta Drusilla**
Sire *Jolly Boy* 15992. Dam *Zatell* 36957.
Born March 21, 1917. B. and O.: Edgar L. Horton, Augusta, Wis.

76703 **Ramona Geraldine**
Sire *Jolly Boy* 15992. Dam *Vinnie* 58191.
Born April 10, 1917. B. and O.: Edgar L. Horton, Augusta, Wis.

76704 **Moonlight of Locust Lawn Farm**
Sire *St. Austell Supreme* 26483. Dam *Starlight of Locust Grove Farm* 66544.
Born March 26, 1917. B. and O.: L. D. Cole, Blaine, Mich.

76705 **Lily's May of Oakland**
Sire *Marmion of Tarbell Farms* 36145. Dam *Lily of Oakland Farm* 71671.
Born March 22, 1917. B. and O.: J. I. Hereter, Gettysburg, Pa.

76706 **Lady Bell of Oakland 2d**
Sire *Marmion of Tarbell Farms* 36145. Dam *Lady Bell of Oakland* 45724.
Born March 31, 1917. B. and O.: J. I. Hereter, Gettysburg, Pa.

76707 **Elma of Dundee**
Sire *Saint Raymond* 35088. Dam *Thora of Dundee* 66788.
Born Aug. 29, 1917. B. and O.: L. E. Barns, Wyalusing, Pa.

76708 **Alma Marsh**
Sire *Marsh's Dairyman* 25009. Dam *Buttercup's Alma* 43766.
Born April 10, 1917. B. and O.: Mrs. L. C. Hays, Imperial, Pa.

76709 **Jessie Marsh**
Sire *Marsh's Dairyman* 25009. Dam *Buttercup of Brookside* 28384.
Born Aug. 23, 1917. B. and O.: Mrs. L. C. Hays, Imperial, Pa.

76710 **Nellie of Twin Cedars**
Sire *Nicholas of Lakeview* 30327. Dam *Jessie May of Twin Cedar* 61010.
Born Aug. 28, 1917. B. and O.: Frank J. Zerlaut, Fremont, Mich.

76711 **September Morn of Snowdrop**
Sire *Don of Crosswald* 19501. Dam *Snowdrop of Arkdale* 39086.
Born Sept. 19, 1915. B. and O.: William Henriksen, Strongs Prairie, Wis.

76712 **Clifford's Florentine Girl**
Sire *Jumbo of Woodside* 18023. Dam *Clifford's Florentine* 33568.
Born Nov. 30, 1914. B. and O.: B. D. Coppock, Springville, Iowa.

76713 **Springville's Peep o' Day**
Sire *Jumbo of Woodside* 18023. Dam *Miss Springville* 21735.
Born March 15, 1915. B. and O.: B. D. Coppock, Springville, Iowa.

76714 **Lebanon Maid's Myra**
Sire *King Jewel Don of Winnisquam* 28848. Dam *Lebanon Maid* 34813.
Born June 15, 1917. B. and O.: W. S. Webb, Shelburne, Vt.

76715 **Ideale Rosie**
Sire *The Marquis of Medfield* 19752. Dam *Ideale Count* 21936.
Born June 29, 1917. B. and O.: W. S. Webb, Shelburne, Vt.

76716 **Flower of The Hill Top**
Sire *Raymond of Wallum Farm* 31511. Dam *Rachel Lyons 2d* 23973.
Born April 23, 1917. B. and O.: Walter B. Allen, North Springfield, Vt.

76717 **Ella of Norwood**
Sire *Roberts' Wizard of Norwood* 34392. Dam *Norwood's Nora* 55929.
Born Aug. 12, 1917. B. and O.: A. K. Mast, Cochranville, Pa.

76718 **Wern's Canary**
Sire *Rhea's King of the May* 14368. Dam *Canary of Daisydale 2d* 26991.
Born July 28, 1914. B. and O.: D. L. Williams, Waukesha, Wis.

76719 **Ora's Girl**
Sire *Queen Coraline's Boy* 29826. Dam *Ora of Daisydale* 22825.
Born June 20, 1916. B. and O.: D. L. Williams, Waukesha, Wis.

76720 **Dairymaid's Windflower of Bethany**
Sire *Windflower 3d's Marshall* 25286. Dam *Bethany Dairymaid* 51094.
Born March 15, 1917. B. and O.: E. W. Oglebay, Bethany, W. Va.

76721 **Martha Masher**
Sire *Sir Masher's Jim of Galway* 35460. Dam *Nancy of Arrow Farm* 60956.
Born April 24, 1917. B. and O.: George Van Dewerker, Schuylerville, N. Y.

76722 **Eva of Littleton**
Sire *Sharon Beauregard* 27267. Dam *Rebecca of Littleton* 42426.
Born June 15, 1917. B. and O.: Walter W. Preston, Bel Air, Md.

76723 **The Countess**
Sire *Judge of Neill Heights* 23593. Dam *Boxer's Juneberry Susan* 38061.
Born Sept. 28, 1914. B. and O.: Harry W. Johnston, Canonsburg, Pa.

76724 **Dimple's Dolly L.**
Sire *Dimple's Glenwood of Villageside* 29721. Dam *Dolly L. of Maple Grove* 42759.
Born Feb. 9, 1917. B. and O.: Ray D. Levan, Catawissa, Pa.

76725 **Daisy of Saxalea**
Sire *Park's Billy France* 34537. Dam *Margaret of Elm Place* 18303.
Born May 13, 1917. B. and O.: M. S. Kellogg, Janesville, Wis.

76726 **Midget of Saxalea**
Sire *Park's Billy France* 34537. Dam *Imp. Ballet of Sarnia* 46529.
Born June 18, 1917. B. and O.: M. S. Kellogg, Janesville, Wis.

76727 **Daisy's Doris of Elso Manor**
Sire *Imp. Vallon May Rose Lad* 39926. Dam *Imp. Vallon Doris* 68953.
Born July 3, 1917. B.: F. S. Peer, Cranford, N. J. O.: Frank H. Elsworth, Hopewell, N. J.

76728 **Pandora of Topnotch Farm**
Sire *Lula's Prince of Arrow Farm* 29121. Dam *Fille de Lida* 42591.
Born May 11, 1917. B. and O.: C. E. Linder, Redmond, Wash.

76729 **Miss Floreine**
Sire *Imp. Sir Henry Hubert* 19960. Dam *Oaklawn Jessie* 36136.
Born April 5, 1917. B. and O.: G. H. Lammers, Le Sueur, Minn.

76730 **Rosella of Knowledge Hill Farm**
Sire *Bonnymeads Jolly King* 29633. Dam *Ardella of Highway* 46837.
Born March 16, 1917. B. and O.: M. A. Obercash, Steelton, Pa.

76731 **Julia's Favorite**
Sire *Furlough Janet's Success* 28909. Dam *Elsie's Favorite* 52689.
Born July 6, 1916. B. and O.: B. Lefkovics, Arkville, N. Y.

76732 **Dorothy' s Favorite**
Sire *Furlough Janet's Success* 28909. Dam *Elsie's Favorite* 52689.
Born June 5, 1917. B. and O.: B. Lefkovics, Arkville, N. Y.

76733 **Homestead Hilda 2d**
Sire *Goldenrod's Governor* 29712. Dam *Homestead Hilda* 45657.
Born March 25, 1917. B. and O.: L. V. Axtell, Perry, Ohio.

76734 **Homestead Countess Happy**
Sire *Goldenrod's Governor* 29712. Dam *Homestead Countess Caroline* 55227.
Born March 27, 1917. B. and O.: L. V. Axtell, Perry, Ohio.

76735 **Nonpareil's Golden**
Sire *Nonpareil of Pencoyd* 29398. Dam *Glenwood's Daisy* 54896.
Born Jan. 23, 1916. B. and O.: S. R. Nissley, Manheim, Pa.

76736 **Virgie of Brookdale**
Sire *Nonpareil of Pencoyd* 29398. Dam *Begalore's Daisy* 60437.
Born July 18, 1916. B. and O.: S. R. Nissley, Manheim, Pa.

76737 **Rosa's Pride of Indian Creek**
Sire *Hillstead Joe* 26938. Dam *Rosa S.* 38783.
Born June 10, 1917. B.: Christ Muth, Manitowoc, Wis. O.: Est. Christ Muth, Manitowoc, Wis.

76738 **Commencement Maid**
Sire *Hillstead Joe* 26938. Dam *Arba 2d* 17030.
Born June 15, 1917. B.: Christ Muth, Manitowoc, Wis. O.: Est. Christ Muth, Manitowoc, Wis.

76739 **Quietude of Koshkonong Place**
Sire *Blossom's Giltedge of Koshkonong Place* 33068. Dam *Quiet of Koshkonong Place 2d* 55182.
Born June 8, 1917. B. and O.: A. R. Hoard, Fort Atkinson, Wis.

76740 **Romance of Koshkonong Place 3d**
Sire *Giltedge of Koshkonong Place* 21989. Dam *Romance of Koshkonong Place* 48152.
Born June 20, 1917. B. and O.: A. R. Hoard, Fort Atkinson, Wis.

76741 **Natoma Anetta**
Sire *Imp. The Conqueror IV.* 17131. Dam *Imp. Lily of La Hougue* 20884.
Born Aug. 9, 1914. B. and O.: Natoma Farm, Hinsdale, Ill.

76742 **Posey's Career 2d**
Sire *Imp. Bartlett's Chieftain* 26805. Dam *Posey's Career* 66689.
Born March 30, 1917. B. and O.: Mark Butler, Mount Vernon, Ind.

76743 **Milk Maid of Maudesleigh**
Sire *Langwater Royalist* 23121. Dam *May Rose of Maudesleigh* 42580.
Born May 15, 1917. B. and O.: F. S. Moseley, Newburyport, Mass.

76744 **May Day of Maudesleigh**
Sire *May Rose Meadow King* 37215. Dam *Royal Bo Peep of Maudesleigh* 54847.
Born May 22, 1917. B. and O.: F. S. Moseley, Newburyport, Mass.

76745 **Dairy Maid of Maudesleigh**
Sire *Upland's May Sequel* 34713. Dam *Duchess Royal of Maudesleigh* 62317.
Born May 25, 1917. B. and O.: F. S. Moseley, Newburyport, Mass.

76746 **Princess Duvauxie May's Foxy Lassie**
Sire *Natoma Remo* 21222. Dam *Princess Duvauxie May* 52979.
Born April 15, 1917. B. and O.: Albert C. Cox, Rowley, Iowa.

76747 **Veretta's Tops of Gold Girl**
Sire *Natoma Remo* 21222. Dam *Veretta* 45716.
Born April 21, 1917. B. and O.: Albert C. Cox, Rowley, Iowa.

76748 **Louise Rose of Willowdale**
Sire *Miss Linden's Rose-noble of Edgewater* 35132. Dam *Tom Rilma's Louisettel of Willowdale* 60119.
Born March 24, 1917. B. and O.: C. L. Sisson, Almond, N. Y.

76749 **Daisy Rose of Willowdale**
Sire *Miss Linden's Rose-noble of Edgewater* 35132. Dam *Tom Rilma's Daisy of Willowdale* 60122.
Born March 26, 1917. B. and O.: C. L. Sisson, Almond, N. Y.

76750 **Hazel Rose of Willowdale**
Sire *Miss Linden's Rose-noble of Edgewater* 35132. Dam *Tom Rilma's Hazel of Willowdale* 60123.
Born March 29, 1917. B. and O.: C. L. Sisson, Almond, N. Y.

76751 **Maude Rose of Willowdale**
Sire *Miss Linden's Rose-noble of Edgewater* 35132. Dam *Tom Rilma's Maude of Willowdale* 60118.
Born May 5, 1917. B. and O.: C. L. Sisson, Almond, N. Y.

76752 **Rosebud of Willowdale**
Sire *Miss Linden's Rose-noble of Edgewater* 35132. Dam *Rosebud of Sycamore* 55863.
Born May 10, 1917. B. and O.: C. L. Sisson, Almond, N. Y.

76753 **Red Rose of Willowdale**
Sire *Miss Linden's Rose-noble of Edgewater* 35132. Dam *Tom Rilma's Gretchen of Willowdale* 60121.
Born May 25, 1917. B. and O.: C. L. Sisson, Almond, N. Y.

76754 **Lena Rose of Willowdale**
Sire *Miss Linden's Rose-noble of Edgewater* 35132. Dam *Tom Rilma's Lena of Willowdale* 61174.
Born June 15, 1917. B. and O.: C. L. Sisson, Almond, N. Y.

76755 **Delma of Dixie**
Sire *Silverleaf Duke* 33325. Dam *Silver Leaf Loretta* 50032.
Born April 9, 1917. B. and O.: Henry Aulenbrock, Madison Station, Miss.

76756 **Tricksey's Milkmaid**
Sire *Wonder of Maple Hill Farm* 31872. Dam *Tricksey's Girl of Crystal Springs* 55628.
Born April 7, 1917. B. and O.: George W. Kiel, Whitelaw, Wis.

76757 **Olga of Crystal Springs**
Sire *Wonder of Maple Hill Farm* 31872. Dam *Annette of Crystal Springs* 46209.
Born Aug. 6, 1917. B. and O.: George W. Kiel, Whitelaw, Wis.

76758 **Harrilene**
Sire *Masher's Lenfestey* 26382. Dam *Phyllene* 17954.
Born April 3, 1915. B. and O.: Fred W. Card, Sylvania, Pa.

76759 **Alta Buttercup**
Sire *Imp. Flower Boy of the Cloture* 41131. Dam *Imp. Buttercup III. of Plaisance* 65711.
Born May 24, 1917. B.: F. S. Peer, Cranford, N. J. O.: Palo Alto Stock Farm, Palo Alto, Cal.

76760 **Rhea of Lakeside**
Sire *Canary's King* 23136. Dam *Princess of Elcho* 25510.
Born March 24, 1917. B. and O.: Anton Follstad, Elcho, Wis.

76761 **Mirza's Pride of Brookdale Farm**
Sire *Mabel's Frenchman of Mound City* 31920. Dam *Mirza of Haddon* 32141.
Born Aug. 15, 1917. B.: E. A. Kinney, Ludington, Mich. O.: Lawrence G. Johnson, Whitewater, Wis.

76762 **Delia of Oakbreeze**
Sire *Alice's May King* 24313. Dam *Criterion's Lily of Bellview* 54671.
Born June 10, 1917. B. and O.: H. P. Milbourn, Hartly, Del.

76763 **Bluebell of Ononta**
Sire *Sheridan of Ononta* 20215. Dam *Maple of Ononta* 37941.
Born Aug. 6, 1915. B. and O.: Charles T. Stout, Portland, Conn.

76764 **Pansy of Ononta**
Sire *Sheridan of Ononta* 20215. Dam *Maple of Ononta* 37941.
Born April 3, 1917. B. and O.: Charles T. Stout, Portland, Conn.

76765 **Daffodil of Ononta**
Sire *Sheridan of Ononta* 20215. Dam *Sweet Clover of Ononta* 52597.
Born June 7, 1917. B. and O.: Charles T. Stout, Portland, Conn.

76766 **Raymond's Roxanna of Mara Alva**
Sire *Galaxy's Butter Boy* 23175. Dam *Raymond's Roxanna of the Préel* 43834.
Born Nov. 15, 1915. B.: A. C. Ramseyer, Smithville, Ohio. O.: F. C. Gearhart, Crestline, Ohio.

76767 **Cowslip's Beauty of Lake View**
Sire *Cowslip's King of Elmlawn* 29773. Dam *Servia Moses* 43226.
Born Nov. 24, 1916. B. and O.: Herbert Gray, Enfield, Maine.

76768 **Kindness of Indian Hill**
Sire *Ada B.'s Roy of Tarbell Farms* 19075. Dam *Aileen of Indian Hill* 29474.
Born Feb. 24, 1917. B. and O.: O. S. Campbell, Greensburg, Pa.

76769 **Fenimore Suc of Wadden**
Sire *Lohier's Raider of Waddington* 29314. Dam *Imp. Suc of the Cailloterie* 61273.
Born Aug. 26, 1916. B.: F. S. Peer, Cranford, N. J. O.: Edward Severin Clark, Cooperstown, N. Y.

76770 **Hambro's Princess of Riverview**
Sire *Stranford's Lily's Hambro* 34212. Dam *Katonah's Primrose* 23930.
Born Feb. 20, 1917. B. and O.: S. A. Merriman, Fort Atkinson, Wis.

76771 **Imp. Guerncroft Lulu Maudette**
Imp. as *Lulu II. of Ville Baudu* (R. G. A. S. 15059 P. S.)
Sire On Guernsey *Maudette's Jewel II.* (R. G. A. S. 2956 P. S.)
Dam On Guernsey *Maudette XVI.* (R. G. A. S. 3510 F. S.)
Born April 24, 1915. Imp. to New York, Aug. 28, 1917, in S. S. Mongolia, by Charles L. Hill, Rosendale, Wis. B.: Ogier Bros., Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

76772 **Imp. Guerncroft Polly Le Ruez**
Imp. as *Le Ruez's Polly VII. des Jaonnets* (R. G. A. S. 15175 P. S.)
Sire *Imp. Governor of the Vauquiedor* 39925. Dam On Guernsey *Le Ruez's Polly of the Jaonnets* (R. G. A. S. 3574 F. S.)
Born May 22, 1915. Imp. with No. 76771. B.: A. Le Ruez, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

76773 **Imp. Fair Gift of Sarnia**
Imp. as *Polly II. des Ruettes* (R. G. A. S. 15174 P. S.)
Sire On Guernsey *Governor of the Corbinez* (R. G. A. S. 3302 P. S.)
Dam On Guernsey *Polly des Ruettes* (R. G. A. S. 12144 P.S.)
Born May 23, 1915. Imp. with No. 76771. B.: Mrs. J. Naftel, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

76774 **Imp. Foam of Sarnia**
Imp. as *Cyrène of Vimiera* (R. G. A. S. 15211 P. S.)
Sire *Imp. Governor of the Vauquiedor* 39925. Dam On Guernsey *Cyrène d'Or II.* (R. G. A. S. 11115 P. S.).
Born June 13, 1915. Imp. with No. 76771. B.: F. Belloir, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

76775 **Imp. Guerncroft Fontaines**
Imp. as *Duchess of the Fontaines* (R. G. A. S. 16673 P. S.) On Alderney *Duchess of Kent* (R. A. A. S. 1858 P. S.)
Sire On Alderney *Nelson of the Cachelière* (R. A. A. S. 174 P. S.)
Dam On Alderney *Darkie III. of Vaux Renier* (R. A. A. S. 1059 P. S.)
Born July 2, 1915. Imp. with No. 76771. B.: J. Blondin, Island of Alderney. O.: Charles L. Hill, Rosendale, Wis.

76776 **Imp. Guerncroft Nettie**
Imp. as *Nettie of La Croisée* (R. G. A. S. 15546 P. S.)
Sire *Imp. Prince of la Croisée* 40950. Dam On Guernsey *Flossie V. of La Croisée* (R. G. A. S. 12649 P. S.)
Born Sept. 9, 1915. Imp. with No. 76771. B.: J. H. Mahy, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

76777 **Imp. Gretchen of Sarnia**
Imp. as *Queen IV. des Ruettes* (R. G. A. S. 16061 P. S.)
Sire *Imp. Governor of the Ruettes* 39134. Dam On Guernsey *Queen des Ruettes* (R. G. A. S. 11418 P. S.)
Born March 21, 1916. Imp. with No. 76771. B.: Mrs. J. Naftel, Island of Guernsey. O.: Charles L. Hill, Rosendale, Wis.

76778 **Imp. Guerncroft Minnie**
Imp. as *Ann Minnie of Dairy Farm* (R. A. A. S. 1780 P. S.)
Sire On Alderney *Raymond III.* (R. A. A. S. 111 P. S.)
Dam On Alderney *Minnie Sharp* (R. A. A. S. 981 P. S.)
Born Sept. 23, 1914. Twin with cow No. 75575. Imp. to New York, Aug. 28, 1917, in S. S. Mongolia, by Charles L. Hill, Rosendale, Wis. B.: T. W. Shade, Island of Alderney. O.: Charles L. Hill, Rosendale, Wis.

76779 **Imp. Guerncroft Louvain**
Imp. as *Louvain of the Cachelière* (R. A. A. S. 1797 P. S.)
Sire On Alderney *Nelson of the Cachelière* (R. A. A. S. 174 P. S.)
Dam On Alderney *Duchess of the Cachelière II.* (R. A. A. S. 1235 P. S.)
Born Oct. 3, 1914. Imp. with No. 76778. B.: P. Gaudion, Island of Alderney. O.: Charles L. Hill, Rosendale, Wis.

76780 **Imp. Elegante of Sarnia**
Imp. as *Flower of Val du Sud* (R. A. A. S. 1816 P. S.)
Sire On Alderney *Nelson of the Cachelière* (R. A. A. S. 174 P. S.)
Dam On Alderney *Mabel IV.* (R. A. A. S. 1177 P. S.)
Born Dec. 26, 1914. Imp. with No. 76778. B.: William H. Odoire, Island of Alderney. O.: Charles L. Hill, Rosendale, Wis.

76781 **Imp. Guerncroft Primrose Polly**
Imp. as *Primrose of the Mouriaux* (R. A. A. S. 1872 P. S.)
Sire On Alderney *Governor of Balmoral* (R. A. A. S. 151 P. S.)
Dam On Alderney *Polly IV.* (R. A. A. S. 1286 P. S.)
Born July 19, 1915. Imp. with No. 76778. B.: H. O. Odoire, Island of Alderney. O.: Charles L. Hill, Rosendale, Wis.

76782 **Imp. Guerncroft Jane Beauty**
Imp. as *Jane II. of Val Dairy Farm* (R. A. A. S. 1868 P. S.)
Sire On Alderney *Governor of Balmoral* (R. A. A. S. 151 P. S.)
Dam On Alderney *Jemmie VI.* (R. A. A. S. 892 P. S.)
Born July 25, 1915. Imp. with No. 76778. B.: T. W. Shade, Island of Alderney. O.: Charles L. Hill, Rosendale, Wis.

76783 **Minnehaha of the Ridge**
Sire *Governor Clairmont* 21203. Dam *Abbie of Riverside* 25280.
Born Aug. 9, 1917. B. and O.: Fred C. Gleason, Sodus, Mich.

76784 **Genevieve of Woodside Farms**
Sire *Langwater Cavalier* 21012. Dam *Glen Gable Genevieve* 36958.
Born April 28, 1917. B.: W. F. Gable, Wyebrooke, Pa. O.: S. N. Root, Landisville, Pa.

76785 **Mota's May Rose**
Sire *Violet's May King* 33999. Dam *Princess Mota of Locust Grove* 57136.
Born Feb. 1, 1917. B. and O.: Henry W. Leeds, Atlantic City, N. J.

76786 **Lily's Spotty of Englewood**
Sire *Jessie Lass's Hero of Graham's Dale* 33477. Dam *Lily's Donation* 38962.
Born March 29, 1917. B.: W. E. Hargrave, Roberts, Wis. O.: Merickel & Nelson, Eagle Bend, Minn.

76787 **Rosemary of Englewood**
Sire *Ted of Englewood* 29996. Dam *Pride of Woodend* 22579.
Born April 22, 1917. B. and O.: Merickel & Nelson, Eagle Bend, Minn.

76788 **Sunbeam of Englewood**
Sire *Governor's Masher of St. Croix* 33190. Dam *Imp. Flower XIII. of the Lohiers* 65321.
Born April 28, 1917. B.: H. A. Rundell, Roberts, Wis. O.: Merickel & Nelson, Eagle Bend, Minn.

76789 **Ruby's Ruth**
Sire *Motherwell's Archer* 22842. Dam *Imp. Ruby V. of the Vauquiedor* 35227.
Born March 16, 1917. B. and O.: Fred W. Brandt, Fennimore, Wis.

76790 **O Letme**
Sire *Motherwell's Archer* 22842. Dam *Imp. Oneida of the Mill VII.* 35242.
Born April 14, 1917. B. and O.: Fred W. Brandt, Fennimore, Wis.

76791 **Gleniva of Steepside**
Sire *Dolly's Suburban Boy* 24535. Dam *Glen Jewel* 32566.
Born April 3, 1917. B.: Joseph Waugh, Watkins, N. Y. O.: Mrs. R. J. Powers, Watkins, N. Y.

76792 **Cecelia of Lilydale Farm**
Sire *Ona's May King of West Salem* 27874. Dam *Queen Darling of Lilydale* 23615.
Born April 2, 1916. B. and O.: Fred J. Bandy, Wausau, Wis.

76793 **Ethel of Red House Farm**
Sire *Roberts' Sequel of Wyebrook* 30328. Dam *Edith of Kil-Den-Berg* 24866.
Born Feb. 13, 1917. B. and O.: William Leland Thompson, East Greenbush, N. Y.

76794 **Yeksa's Mosella of Overlook**
Sire *Sunbeam's Yeksa of Chestnut Hill* 22300. Dam *Mosella's Rose of Prospect* 15009.
Born March 25, 1917. B. and O.: E. Schweizer, Boston, Ohio.

76795 **May King Glenwood's Dove**
Sire *May King Glenwood of Ingleside* 27835. Dam *Maple Leaf Dove* 52441.
Born June 19, 1917. B. and O.: Eby Bros., Wakarusa, Ind.

76796 **Docie of Try Valley**
Sire *American Sequel* 36562. Dam *Docie's Pride* 45234.
Born March 27, 1917. B. and O.: J. C. Kramer, Livingston, Wis.

76797 **Rose of Try Valley**
Sire *American Sequel* 36562. Dam *Fernwood's Frau* 44125.
Born May 12, 1917. B. and O.: J. C. Kramer, Livingston, Wis.

76798 **Unison**
Sire *Imp. Bismarck of Anna Dean Farm* 27639. Dam *Unison's Olive* 49878.
Born April 1, 1917. B. and O.: J. J. Orr, Coshocton, Ohio.

76799 **Verra of Golden Glen**
Sire *May King of Fern Ridge* 17432. Dam *Maud of Sunny View* 42729.
Born April 27, 1917. B. and O.: George W. Thomas, Riverside, Cal.

76800 **Marie of Golden Glen**
Sire *May King of Fern Ridge* 17432. Dam *May of Golden Glen* 52978.
Born July 28, 1917. B. and O.: George W. Thomas, Riverside, Cal.

76801 **Betty of Groveland Farm**
Sire *Yeksa Belle's Grandson-Groveland Farm* 24492. Dam *Williams's Purity* 16220.
Born March 28, 1917. B. and O.: H. B. Williams, Bear Creek, Wis.

76802 **Evangeline of Groveland Farm**
Sire *Yeksa Belle's Grandson-Groveland Farm* 24492. Dam *Eunice of Groveland Farm* 58534.
Born June 26, 1917. B. and O.: H. B. Williams, Bear Creek, Wis.

76803 **Corthera 2d**
Sire *Ace of Bellmath* 24421. Dam *Corthera* 22289.
Born May 22, 1917. B. and O.: A. W. Binnall, Milltown, Wash.

76804 **Countess of Cranbrook**
Sire *Langwater Wilchester* 28058. Dam *Countess of Oak Grove* 52725.
Born July 19, 1917. B. and O.: Ernest E. Sweet, Birmingham, Mich.

76805 **Sequel's Lily of Cedar Lawn**
Sire *Cora's Sequel* 25168. Dam *Imp. Governor's Lily* 46415.
Born March 28, 1917. B. and O.: George Konrad, South Germantown, Wis.

76806 **Zoritsa Martin**
Sire *Juan Sanchez Azcona* 27650. Dam *Rizpah Martin 2d* 23473.
Born March 25, 1917. B. and O.: A. H. Hinman, Allenville, Wis.

76807 **Itchen Queen of Silver Lake**
Sire *Imp. Itchen Ranter* 25713. Dam *Queen of Silver Lake* 28152.
Born May 29, 1917. B. and O.: George W. Jenkins, Morristown, N. J.

76808 **Itchen Rose of Silver Lake**
Sire *Imp. Itchen Ranter* 25713. Dam *King's Rosy Morn* 36781.
Born July 24, 1917. B. and O.: George W. Jenkins, Morristown, N. J.

76809 **Hannah Belle's Fanny of Sunny Side**
Sire *Park's Isabella's King* 25647. Dam *Hannah Belle* 20299.
Born May 4, 1917. B. and O.: George D. Lawson, Oconomowoc, Wis.

76810 **Geneva's Queen**
Sire *Imp. Reformer of Albecq* 26949. Dam *Imp. Buttercup of Les Blancs Bois* 53732.
Born June 18, 1917. B. and O.: Sherman T. Cooper, Chicago, Ill.

76811 **Pride of the Dells**
Sire *Imp. Reformer of Albecq* 26949. Dam *Imp. Beauty III. of La Moinerie* 47787.
Born April 5, 1917. Twin with bull No. 46364. B. and O.: Sherman T. Cooper, Chicago, Ill.

76812 **Queen's Esther Dora**
Sire *Nugget of Dunn County Guernsey Farm* 22209. Dam *Imp. May Queen II. of Diamond Farm* 40385.
Born Jan. 7, 1917. B. and O.: Mrs. S. C. Langdell, Eau Claire, Wis.

76813 **Blanche Marie**
Sire *Sir Merion of Elm-Leigh* 26299. Dam *Stockbridge Dream* 58369.
Born Jan. 8, 1917. B. and O.: Henry McBurney, Stockbridge, Mass.

76814 **Cissey's Trixie of Sunnyside**
Sire *Imp. Galaxy's Sequel's Royal Gem* 16925. Dam *Cissey's Queen of Sunnyside* 56040.
Born April 16, 1917. B. and O.: Clifford H. Bassett, Valley Falls, N. Y.

76815 **Golden Scylla**
Sire *Golden Secret of Windside* 37910. Dam *Miquette* 23708.
Born March 11, 1917. B. and O.: William Norris, Chestnut Hill, Philadelphia, Pa.

76816 **Countess Anita's Procida of Fairview**
Sire *Sequel's Hustler of Fairview* 42206. Dam *Countess Anita's Procida* 56653.
Born Feb. 22, 1917. B.: John W. Hutchinson, Sharon Center, Ohio. O.: C. T. Coply, Sharon Center, Ohio.

76817 **Buckeye's Wonder Maid**
Sire *France's May King* 31553. Dam *Buckeye Maypole* 40781.
Born April 27, 1917. B. and O.: W. H. Cline, Sunnyside, Wash.

76818 **Georgia Dunn**
Sire *France's May King* 31553. Dam *Anna Dunn* 53708.
Born April 29, 1917. B. and O.: W. H. Cline, Sunnyside, Wash.

76819 **O. C. Butter Girl**
Sire *France's May King* 31553. Dam *Imp. Osceola Rose* 57173.
Born May 1, 1917. B. and O.: W. H. Cline, Sunnyside, Wash.

76820 **Eileen of Mosinee**
Sire *Major of Pleasant View* 16576. Dam *Lorraine of Maple Avenue* 57187.
Born July 7, 1917. B.: D. S. Murdock, Troy Center, Wis. O.: M. C. Knutson, Mosinee, Wis.

76821 **Pauline of Fremont**
Sire *Boy of Lakeview* 36214. Dam *Alva of Fremont* 36040.
Born March 7, 1917. B. and O.: G. D. Stroven, Fremont, Mich.

76822 **Lady Prospect**
Sire *Danbury Stars and Stripes* 33021. Dam *Elsie P.* 51952.
Born Aug. 4, 1917. B. and O.: John B. Cannon, Granby, Conn.

76823 **Fannie C.'s Wild Rose**
Sire *Golddust C.* 34765. Dam *Sir Omobono's Fannie C.* 45150.
Born Feb. 24, 1917. B. and O.: Est. H. M. Clark, Orford, N. H.

76824 **Roxanna's Morning Glory**
Sire *Golddust C.* 34765. Dam *Broadcloth's Roxanna* 30562.
Born March 7, 1917. B. and O.: Est. H. M. Clark, Orford, N. H.

76825 **Select's Sweet Brier**
Sire *Golddust C.* 34765. Dam *Select C.* 25144.
Born March 11, 1917. B. and O.: Est. H. M. Clark, Orford, N. H.

76826 **Queen Isabella of Victory**
Sire *Pretor's Glenwood Lad* 19520. Dam *Princess June of Fulton* 48195.
Born April 13, 1917. B. and O.: Est. E. B. Joralemon, Red Creek, N. Y.

76827 **Frontier's Pride**
Sire *Darius's Sequel* 25181. Dam *Imp. Belle Star* 40671.
Born April 17, 1917. B. and O.: William G. Stellrecht, Shell Lake, Wis.

76828 **Tess of Woodrow**
Sire *King of the Hall* 25539. Dam *Fascination of Haddon* 27956.
Born March 23, 1917. B. and O.: Charles M. Fenton, Northfield, Ohio.

76829 **France's Marigold of Big Spring Farm**
Sire *France's Jewel's Champion* 17970. Dam *France's Regina of Big Spring Farm* 26574.
Born Jan. 8, 1915. B. and O.: Miss Willie Lee Inman, Leesburg, Va.

76830 **Nemonee of Big Spring Farm**
Sire *France's Jewel's Champion* 17970. Dam *Imp. Nora of the Grée* 21032.
Born Jan. 25, 1915. B. and O.: Miss Willie Lee Inman, Leesburg, Va.

76831 **Claribelle of Big Spring Farm**
Sire *Claremont Boy of Big Spring Farm* 21676. Dam *Imp. Une Victoire I.* 21006.
Born Feb. 20, 1915. B. and O.: Miss Willie Lee Inman, Leesburg, Va.

76832 **Golden Heart**
Sire *France's Jewel's Champion* 17970. Dam *Willow of Big Spring Farm* 56741.
Born Feb. 28, 1915. B. and O.: Miss Willie Lee Inman, Leesburg, Va.

76833 **Marion of Big Spring Farm**
Sire *Claremont Boy of Big Spring Farm* 21676. Dam *Linda of Big Spring Farm* 48618.
Born March 7, 1915. B. and O.: Miss Willie Lee Inman, Leesburg, Va.

76834 **France's Yasmini of Big Spring Farm**
Sire *France's Jewel's Champion* 17970. Dam *France's Royal Maid of Big Spring Farm* 26572.
Born March 8, 1915. B. and O.: Miss Willie Lee Inman, Leesburg, Va.

76835 **France's Sprightly's Daughter**
Sire *France's Jewel's Champion* 17970. Dam *Imp. Sprightly of the Spurs* 21004.
Born March 24, 1915. B. and O.: Miss Willie Lee Inman, Leesburg, Va.

76836 **Elnor of Big Spring Farm**
Sire *France's Jewel's Champion* 17970. Dam *Claremont Minnie* 39748.
Born April 4, 1915. B. and O.: Miss Willie Lee Inman, Leesburg, Va.

76837 **Babbie of Big Spring Farm**
Sire *Claremont Boy of Big Spring Farm* 21676. Dam *Daisy of Big Spring Farm* 55076.
Born April 25, 1915. B. and O.: Miss Willie Lee Inman, Leesburg, Va.

76838 **Pollyann of Big Spring Farm**
Sire *France's Jewel's Champion* 17970. Dam *Imp. Pol II. of the Vauxbelets* 21048.
Born May 10, 1915. B. and O.: Miss Willie Lee Inman, Leesburg, Va.

76839 **Mercy Argie of Bon Ayre**
Sire *Pedro of Wellsmere* 18917. Dam *Mercy Argie* 34026.
Born Oct. 21, 1916. B.: A. C. Damon, Williamsburg, Mass. O.: H. W. Wigman, Lansing, Mich.

76840 **Delnora of Bon Ayre**
Sire *Pinecrest King France* 21428. Dam *Delnora B.* 52256.
Born Feb. 15, 1917. B. and O.: H. W. Wigman, Lansing, Mich.

76841 **Betsey of Bon Ayre**
Sire *Golden Nassau of Pencoyd* 29103. Dam *May of Randolph* 36118.
Born April 10, 1917. B. and O.: H. W. Wigman, Lansing, Mich.

76842 **Lily Rose of Maple Hill**
Sire *May King's Vrangue of Ingleside* 15430. Dam *Lillian's Milkmaid of Maple Hill* 43708.
Born April 11, 1917. B. and O.: Fruit Bros., Waukesha, Wis.

76843 **Alice's Rose of Maple Hill**
Sire *Rex of Rich Neck* 31472. Dam *Sweet Alice of Maple Hill* 40577.
Born April 16, 1917. B. and O.: Fruit Bros., Waukesha, Wis.

76844 **May Bishop of Maple Hill**
Sire *May King's Vrangue of Ingleside* 15430. Dam *Lillian May Bishop* 31575.
Born April 22, 1917. B. and O.: Fruit Bros., Waukesha, Wis.

76845 **Queen Paget of Homestead**
Sire *Imp. Governor's Paget* 26188. Dam *Queen Greta* 46435.
Born March 11, 1917. B. and O.: W. G. Jamison & Sons, Appleton, Wis.

76846 **Raymond's Tidy of Homestead**
Sire *Imp. Governor's Paget* 26188. Dam *Raymond's Tidy* 48811.
Born March 12, 1917. B. and O.: W. G. Jamison, Appleton, Wis.

76847 **Lyda's Lassie of Homestead**
Sire *Imp. Governor's Paget* 26188. Dam *Lyda of Homestead* 37184.
Born May 20, 1917. B. and O.: W. G. Jamison & Sons, Appleton, Wis.

76848 **Amber Maple of Homestead**
Sire *Pencoyd's Golden May Secret* 39626. Dam *Apple Blossom of Homestead* 45357.
Born June 13, 1917. B. and O.: W. G. Jamison, Appleton, Wis.

76849 **Judy of Pine Grove**
Sire *Radclyffe of Pencoyd* 26950. Dam *Glenwood's Butter Fat of Pine Grove* 38304.
Born June 2, 1917. B. and O.: William Bartlett, Barron, Wis.

76850 **Sophia's Queen of Neill Heights**
Sire *Blanche's Top Gallant* 23389. Dam *Sophia Caroline* 28591.
Born Oct. 22, 1914. B. and O.: J. M. Neill, Canonsburg, Pa.

76851 **Etta's Buttercup of Neill Heights**
Sire *Jeddy* 14206. Dam *Etta of Neill Heights* 28590.
Born Nov. 5, 1914. B. and O.: J. M. Neill, Canonsburg, Pa.

76852 **Woodland's Marguerite**
Sire *Reality's Governor* 30426. Dam *Raymond's Lena* 47869.
Born April 21, 1917. B. and O.: J. C. George, Venedocia, Ohio.

76853 **Miss Bessie Glenwood**
Sire *Marcia's Glenwood of Pinehurst's King* 28869. Dam *Glenwood's Isabelle* 50984.
Born Jan. 11, 1916. B. and O.: Charles F. Werner, Aurorahville, Wis.

76854 **Rose of Somerset**
Sire *May Rose King 2d* 13130. Dam *Ononeda May* 75896.
Born March 12, 1914. B. and O.: J. A. Hilbert, Green Village, N. J.

76855 **Daisy Rose of Somerset**
Sire *Bonny Vale Royal Ultra* 29511. Dam *Rose of Somerset* 76854.
Born Dec. 9, 1916. B. and O.: William De Mott, Madison, N. J.

76856 **Penita**
Sire *King's Vanguard* 22719. Dam *Penta* 43707.
Born May 26, 1917. B. and O.: Est. H. E. Taber, Castile, N. Y.

76857 **Lady Fair of Sunnyside**
Sire *Imp. Galaxy's Sequel's Royal Gem* 16925. Dam *Criterion's Fair Lady of Bellview* 54953.
Born June 4, 1917. B. and O.: Clifford H. Bassett, Valley Falls, N. Y.

76858 **Vauquiedor's Governess**
Sire *Imp. Governor of Les Grantés* 41306. Dam *Imp. Governess of Pleinmont* 69292.
Born Sept. 23, 1917. B.: F. S. Peer, Cranford, N. J. O.: Arthur J. Pierce, Bennington, N. H.

76859 **Highland Mary of Miramichi**
Sire *Langwater Peerless* 19227. Dam *Nancy of Harmony* 49007.
Born June 9, 1917. B.: I. C. Blandy, Greenwich, N. Y. O.: P. C. Stanwood, Poultney, Vt.

76860 **Orphan Annie**
Sire *Dora's Donald* 20645. Dam *Sappho of Haddon* 42380.
Born Nov. 1, 1916. B. and O.: Fred Bachman, Acton, Ind.

76861 **Imp. Dene Countess**
(11978 E. G. H. B.)
Sire *Le Grand 2d du Bas Séjour* (2999 E. G. H. B.) On Guernsey (R. G. A. S. 3275 P. S.) Dam *Lady No. 97* (8595 E. G. H. B.)
Born Feb. 29, 1916. Imp. with No. 75463. B.: J. F. Remnant, England. O.: F. S. Peer, Cranford, N. J.

76862 **Raider's Caroline**
Sire *Imp. Border Raider* 22243. Dam *Imp. Fancy's Princess of St. Saviour's* 60603.
Born Jan. 1, 1917. B.: E. W. Oglebay, Wheeling, W. Va. O.: Sandhill Farm Life School, Carthage, N. C.

76863 **Lena's Fawn**
Sire *Bobereen* 25455. Dam *Queen's Lena S.* 16757.
Born Jan. 2, 1917. B. and O.: C. E. & L. H. Rockwell, Whitewater, Wis.

76864 **Erma's Dolla**
Sire *Masie's Glenwood Victor* 32013. Dam *Erma M.* 48552.
Born Feb. 27, 1917. B. and O.: C. D. Schlabach, Fredericksburg, Ohio.

76865 **Omega of Locust Crest 2d**
Sire *Pride's Sultan of Waddington* 31447. Dam *Omega of Locust Crest* 41742.
Born March 30, 1917. B.: George W. Sutherland, Avella, Pa. O.: John A. Moore & Son, Wellsburg, W. Va.

76866 **Lady Love of Little Farm**
Sire *Mazoe of Cherry Lane* 22586. Dam *Larkfield Mystery* 58948.
Born June 15, 1915. B. and O.: Fleet K. Smith, East Northport, N. Y.

76867 **Galaxy's France of Fort Run**
Sire *Galaxy's France Sequel* 42529. Dam *May King's France of the Manor* 44295.
Born April 2, 1917. B. and O.: T. Woods Sterrett, Fairview, Pa.

76868 **Blanche's Lily**
Sire *Cold Brook's Lad* 18071. Dam *Little Blanche Select S. Katie* 27613.
Born Oct. 2, 1914. B. and O.: T. C. Warrington, Salem, Ohio.

76869 **Kittie's Buttercup**
Sire *Cold Brook's Lad* 18071. Dam *Kittie S. M. Daisy of Fairview* 27614.
Born Oct. 14, 1914. B. and O.: T. C. Warrington, Salem, Ohio.

76870 **Sequel's Transit's May Rose**
Sire *Sequel's King of Haddernay* 39487. Dam *Sequel's Transit* 42305.
Born April 1, 1917. B.: Anna E. Bow, New Berlin, Ohio. O.: Walter H. Deuble, Canton, Ohio.

76871 **Pride's Eva**
Sire *Gouvernante's Governor of Silverton* 42559. Dam *Pride's Cleopatra 2d* 48444.
Born Feb. 5, 1917. B. and O.: Mrs. Mae Walters, Kratka, Minn.

76872 **Norma of Hickory Grove**
Sire *Hope's May Rose of Maple Hill* 35903. Dam *Nora of Hickory Grove* 41657.
Born May 29, 1917. B. and O.: Glenn Clark, Eau Claire, Mich.

76873 **Hope's Neva of Hickory Grove**
Sire *Hope's May Rose of Maple Hill* 35903. Dam *Nina of Hickory Grove* 50618.
Born July 12, 1917. B. and O.: Glenn Clark, Eau Claire, Mich.

76874 **Hope's Amelia of Hickory Grove**
Sire *Hope's May Rose of Maple Hill* 35903. Dam *Amy of Hickory Grove* 38259.
Born Aug. 16, 1917. B. and O.: Glenn Clark, Eau Claire, Mich.

76875 **Della of Red Barn Farm**
Sire *Primal B. of Avonlea* 26677. Dam *Daisy Pearl of Red Barn Farm* 51583.
Born May 22, 1917. B. and O.: Est. R. L. Patterson, Butler, Pa.

76876 **Faestel Girl of Troy Center**
Sire *Governor Beatrice* 13374. Dam *Prince's Rose of Guernsey Hill* 57305.
Born May 10, 1917. B. and O.: Roy J. Coombe, Troy Center, Wis.

76877 **Red Wing Modèle's Princess**
Sire *Katonah's Sequel's Masher* 21238. Dam *Modèle's Jolly Lass* 43286.
Born March 23, 1917. B. and O.: A. I. & J. Hughes, Oregon City, Oregon.

76878 **Snowflake of Linden Lodge**
Sire *Cherry's Royal Prince* 36165. Dam *Echo's Wyoming* 60116.
Born May 4, 1917. B. and O.: John P. Scheuring, Greenwood, Wis.

76879 **Prince's Alice**
Sire *Cherry's Royal Prince* 36165. Dam *Imp. Alice of Thorn Hill* 32520.
Born May 10, 1917. B. and O.: John P. Scheuring, Greenwood, Wis.

76880 **Bob's Stranlily**
Sire *Bob Rilma's Monogram* 29095. Dam *Hambro's Stranford's Lily* 58458.
Born Dec. 28, 1916. B. and O.: Ralph Tratt, Whitewater, Wis.

76881 **Bob's Lueluetta**
Sire *Bob Rilma's Monogram* 29095. Dam *Luecicero's Miss Lueita* 53602.
Born April 10, 1917. B. and O.: Ralph Tratt, Whitewater, Wis.

76882 **Gulnare of Maplelawn**
Sire *Walnut Glens Teddy* 31066. Dam *Gulnare of Chestnut Hill 2d* 56374.
Born April 26, 1917. B. and O.: Louis Rothlisberger, Novelty, Ohio.

76883 **Bob Butterscotch's Rosa May**
Sire *Bob Butterscotch* 23188. Dam *Minnestola Queen* 41011.
Born April 7, 1917. B.: Mike Beck, Monongahela, Pa. O.: E. H Stone, Monongahela, Pa.

76884 **Irene's Murne of Mt. Peerless**
Sire *Stanley of Locust Hill* 21644. Dam *Irene Anderson* 42790.
Born April 15, 1917. B. and O.: M. L. Reed, Coal Valley, Pa.

76885 **Bob Butterscotch's Rilma**
Sire *Bob Butterscotch* 23188. Dam *Belle of Sunny Side* 29931.
Born May 23, 1917. B.: Mike Beck, Monongahela, Pa. O.: E. H. Stone, Monongahela, Pa.

76886 **Star's Delight of Lime Rock**
Sire *Kimmy* 27654. Dam *Star of Lima* 26144.
Born March 30, 1917. B. and O.: W. M. Hardiman, Pewaukee, Wis.

76887 **Daffodil's Winnie of Lime Rock**
Sire *Kimmy* 27654. Dam *Daffodil of Lima* 26146.
Born May 23, 1917. B. and O.: W. M. Hardiman, Pewaukee, Wis.

76888 **Helen of Elder Grove**
Sire *Amherst Jack* 20656. Dam *Venelda of Elder Grove* 59960.
Born April 27, 1917. B. and O.: William Wied, Waupaca, Wis.

76889 **Missy's Maid of Two Oaks**
Sire *Brilliant of Two Oaks* 32706. Dam *Missy of Two Oaks* 41527.
Born April 7, 1917. B. and O.: George D. Eggleston, Parma, Mich.

76890 **Lady's Lass of Two Oaks**
Sire *Jeptha of Two Oaks* 37753. Dam *Milady of Two Oaks* 39746.
Born July 15, 1917. B. and O.: George D. Eggleston, Parma, Mich.

76891 **Chedda's Sequel's Fanny**
Sire *Chedda's Sequel* 21942. Dam *Imp. Fanny of Waddington* 30741.
Born Sept. 24, 1917. B. and O.: W. S. McBane, East Liverpool, Ohio.

76892 **Moss Raider's Gloria**
Sire *Imp. Moss Raider* 22155. Dam *Imp. Minnie of Mont Plaisant* 39628.
Born April 25, 1917. B. and O.: C. F. Holmes, Kansas City, Mo.

76893 **Gypsy of Falcon's Flight**
Sire *Duke of Falcon's Flight* 32123. Dam *Letitia of Falcon's Flight* 54402.
Born April 11, 1917. B. and O.: B. Austin Cheney, Litchfield, Conn.

76894 **Sappho of Falcon's Flight**
Sire *Raymond's Pioneer of Lewison* 19103. Dam *Imp. Silvia of Sarnia* 40240.
Born April 15, 1917. B. and O.: B. Austin Cheney, Litchfield, Conn.

76895 **Pearl's Royal Golden Girl**
Sire *Langwater Golden Secret* 26510. Dam *Pearl's Dot* 57445.
Born Jan. 29, 1917. B.: M. T. Phillips, Pomeroy, Pa. O.: D. D. Tenney, Crystal Bay, Minn.

76896 **Maliae of Riverview**
Sire *Dew Drop's Lad* 15458. Dam *Imp. Bride of Sarnia* 49515.
Born April 30, 1917. B. and O.: Ole Krogan, Stanley, Wis.

76897 **Florence of Orono Farms**
Sire *Fernwood of Clovermead* 25680. Dam *Vern* 32332.
Born May 12, 1917. B. and O.: W. A. & D. M. Benzie, Elk River, Minn.

76898 **Tootsie of Orono Farms**
Sire *Fernwood of Clovermead* 25680. Dam *Betty's Chief's Pride* 63990.
Born May 23, 1917. B. and O.: Houlton Benzie, Elk River, Minn.

76899 **Nettie of Orono Farms**
Sire *Fernwood of Clovermead* 25680. Dam *Velma's Ruth* 54813.
Born May 28, 1917. B. and O.: W. A. & D. M. Benzie, Elk River, Minn.

76900 **Jane of Orono Farms**
Sire *Robinson of Linwood* 24377. Dam *Imp. Flora of St. Croix* 46678.
Born June 21, 1917. B.: Charles E. Strait, North Branch, Minn. O.: W. A. Benzie, Elk River, Minn.

76901 **Jethro's Pride of Barnum**
Sire *Jethro Bass of North Home* 19334. Dam *Pride of Northhome* 32396.
Born Sept. 18, 1917. B.: Jesse L. Doan, Barnum, Minn. O.: George W. Arvisen, Barnum, Minn.

76902 **Ruth of Kirk Meadows**
Sire *Michael of Applecot* 34559. Dam *Etola K.* 52830.
Born April 3, 1917. B. and O.: E. M. Kirkpatrick, Schuylerville, N. Y.

76903 **Marjorie of Kirk Meadows**
Sire *Michael of Applecot* 34559. Dam *Ina of Kirk Meadows* 61799.
Born April 25, 1917. B. and O.: E. M. Kirkpatrick, Schuylerville, N. Y.

76904 **Water Oak Queen**
Sire *Hoover's King* 26102. Dam *Missie of Linwood* 46288.
Born Aug. 12, 1917. B. and O.: T. W. Kistler, Mooresville, N. C.

76905 **Delawanda of Brookside**
Sire *Maplecrest's Sequel* 28241. Dam *Mattie of Brookside* 63886.
Born April 14, 1917. B. and O.: J. H. Hampshire, Delaware, Ohio.

76906 **Waneta of Brookside**
Sire *Maplecrest's Sequel* 28241. Dam *Bettina May* 58916.
Born April 21, 1917. B. and O.: J. H. Hampshire, Delaware, Ohio.

76907 **Gay Boy's Gemsey**
Sire *Imp. Gay Boy of McKerrow Farms* 30406. Dam *Gemsey of Ulao* 27776.
Born April 5, 1917. B. and O.: Albert Portz, Waukesha, Wis.

76908 **Elo of O'Klare**
Sire *Picotte of Bon Ayre* 28371. Dam *Elo's Butter Cup* 63252.
Born April 12, 1917. B. and O.: Thomas Harville; Eau Claire, Wis.

76909 **Pride of O'Klare**
Sire *Picotte of Bon Ayre* 28371. Dam *Lou's Anna* 60419.
Born April 22, 1917. B. and O.: Thomas Harville, Eau Claire, Wis.

76910 **Mollie of O'Klare**
Sire *Picotte of Bon Ayre* 28371. Dam *Lily's Mollie* 60420.
Born June 1, 1917. B. and O.: Thomas Harville, Eau Claire, Wis.

76911 **Lucy Anna of X-L-Land**
Sire *Dairymaid's Ringmaster of Iowa* 27904. Dam *Conqueror's Louise of X-L-Land* 57157.
Born April 10, 1917. B. and O.: B. L. Snyder, Bloomer, Wis.

76912 **Rosemary of X-L-Land**
Sire *Dairymaid's Ringmaster of Iowa* 27904. Dam *Conqueror's Queen of X-L-Land* 57156.
Born April 12, 1917. B. and O.: B. L. Snyder, Bloomer, Wis.

76913 **Rosalie of X-L-Land**
Sire *Dairymaid's Ringmaster of Iowa* 27904. Dam *Mayflower of X-L-Land* 57158.
Born May 1, 1917. B. and O.: B. L. Snyder, Bloomer, Wis.

76914 **Gertrude W.**
Sire *Hayes King of Follyland* 28175. Dam *Gertrude D.* 24069.
Born April 20, 1917. B. and O.: R. J. Wood, Elnora, N. Y.

76915 **Daisy of Turner Hill**
Sire *Thor of Turner Hill* 35758. Dam *Fazia of Turner Hill* 39032.
Born Aug. 6, 1917. B. and O.: C. G. Rice, Ipswich, Mass.

76916 **Pauline's Persis of Elmbrook**
Sire *St. Patrick's Glenwood* 37064. Dam *Pauline of Elmbrook* 31191.
Born Sept. 1, 1917. B. and O.: U. F. Le Duc, Chesterfield, Mass.

76917 **Pauline's Polly of Elmbrook**
Sire *St. Patrick's Glenwood* 37064. Dam *Pauline of Elmbrook 2d* 42422.
Born Sept. 12, 1917. B. and O.: U. F. Le Duc, Chesterfield, Mass.

76918 **Kenilworth's Blossom of the Lewis Farms**
Sire *Imp. Kenilworth Gold* 40380. Dam *Imp. Hayes Snowdrop 5th* 44973.
Born July 9, 1917. B.: W. W. Marsh, Waterloo, Iowa. O.: Harry W. Lewis, Winneconne, Wis.

76919 **Rose of Papple Lane**
Sire *Sultan of Athens* 34227. Dam *Oakland Bessie* 65144.
Born May 6, 1917. B. and O.: William Lehmann, Athens, Wis.

76920 **Lady Truth 2d**
Sire *Elmbrook's Reputation* 24152. Dam *Lady Truth* 28029.
Born May 31, 1917. B. and O.: E. J. Kautsky, Colby, Wis.

76921 **Natoma Esmeralda 2d**
Sire *Esmeralda's Glen of Elmwood* 29227. Dam *Imp. Natoma Esmeralda* 24192.
Born April 7, 1917. B. and O.: E. B. Logan, Elizabeth, Ill.

76922 **Esmeralda's Beauty**
Sire *Esmeralda's Glen of Elmwood* 29227. Dam *Esmeralda's Lady* 45368.
Born April 9, 1917. B. and O.: E. B. Logan, Elizabeth, Ill.

76923 **Osceola Fairy Belle**
Sire *Imp. Beauty's Emblem of Somerset* 33792. Dam *Belle Dewey's Fairy* 58143.
Born May 15, 1917. B. and O.: J. N. Naulty, Martinsville, N. J.

76924 **Pride of Mercer**
Sire *Woodvale Laddie* 24003. Dam *Woodvale Princess of Rose Point* 54873.
Born Jan. 26, 1917. B.: F. C. Fisher, Portersville, Pa. O.: Francis W. Pizor, Mercer, Pa.

76925 **Lakeside's Hopeful Lassie**
Sire *Rex Glenwood of Village Farm* 33621. Dam *Village Golden Hope* 57707.
Born March 1, 1917. B. and O.: A. Hatt & Son, Napoleon, Mich.

76926 **Miss Enterprise**
Sire *Cherokee of Tarbell Farms* 33645. Dam *Esperance of Tarbell Farms* 50181.
Born Feb. 17, 1917. B. and O.: Fred E. Barr & George A. Haven, Afton, N. Y.

76927 **Miss Topsy of Cosquay**
Sire *Pan of Rich Neck* 34200. Dam *Pansy of Locust Hill* 41487.
Born Jan. 26, 1917. B. and O.: B. F. Adkins, Hebron, Md.

76928 **Moss Rose of Roughwood**
Sire *Demonstrator of Roughwood* 23133. Dam *Imp. Governor Chêne's July Rose* 26661.
Born March 5, 1917. B. and O.: Ernest B. Dane, Chestnut Hill, Mass.

76929 **Daisy of Roughwood**
Sire *Florham Royal* 37060. Dam *Imp. Daisy II. of the Russel* 21340.
Born June 16, 1917. B. and O.: Ernest B. Dane, Chestnut Hill, Mass.

76930 **Tiny's Frankland**
Sire *Major of Frankland* 28708. Dam *Tullia Tiny* 43513.
Born May 11, 1917. B. and O.: William P. Wharton, Groton, Mass.

76931 **Fortune's Dairy Maid of Alswel**
Sire *Dairymaid's Glenwood of Pinehurst 9th* 31151. Dam *Fortune of Alswel 3d* 61613.
Born June 7, 1917. B. and O.: William J. Lemp, Sappington, Mo.

76932 **Julia of North Pitcher**
Sire *Jewel's Masher of Fairview* 14934. Dam *Amelia of Old Orchard* 21197.
Born April 17, 1917. B.: F. W. Kenyon, De Ruyter, N. Y. O.: Harry S. Dickerson, North Pitcher, N. Y.

76933 **Gipsy Queen of Vlaumans Kill**
Sire *Katonah's Shamrock 2d* 28652. Dam *Gipsy Daisy of Vlaumans Kill* 49769.
Born April 21, 1917. B. and O.: Edwin B. Mead, Delmar, N. Y.

76934 **Queen Forget-me-not**
Sire *Glory's Gwendoline's King* 32933. Dam *Fascination's Queen Verona of Prentice* 58175.
Born June 25, 1917. B. and O.: C. A. Peterson, Prentice, Wis.

76935 **Rosanna of Hampshire Stock Farm**
Sire *Tom Rilma 4th* 36026. Dam *Rose of Thompson City* 44756.
Born May 13, 1917. B. and O.: O. M. Whiting, Canisteo, N. Y.

76936 **Edna of Greenville**
Sire *Golden Glow of Dreamwold* 36978. Dam *Odessa of Greenville* 54934.
Born Aug. 25, 1917. B. and O.: Will F. Smith, Greenville, Pa.

76937 **Derbette's May Rose of Maple Ridge**
Sire *Chilmark Rival May Rose* 34189. Dam *Derbette* 31478.
Born April 9, 1917. B. and O.: L. L. Harris, Red Creek, N. Y.

76938 **May King's Biserta**
Sire *Yeoman's May King of Edgemont* 41584. Dam *Rex's Biserta 3d* 47502.
Born April 16, 1917. B. and O.: Philip Davis, Le Raysville, Pa.

76939 **May King's Christina**
Sire *Yeoman's May King of Edgemont* 41584. Dam *Rowellan's Christina 2d* 47503.
Born April 22, 1917. B. and O.: Philip Davis, Le Raysville, Pa.

76940 **Gilmore's Lady Bess**
Sire *Elnor Jane's Shaddock* 35271. Dam *Alpha's Daisy* 56465.
Born May 15, 1917. B. and O.: Gilmore Bros., Camden, Mich.

76941 **Madge's Spring Beauty**
Sire *Madge's Chêna's King of Anna Dean Farm* 35743. Dam *Governor's Violet of Keewaydin* 59986.
Born March 14, 1917. B. and O.: W. H. Shoup, Dalton, Ohio.

76942 **Buttercup's Cherry Blossom**
Sire *Rival's Lad of Maple Hill Farm* 31870. Dam *Iris Golden Buttercup* 57850.
Born Aug. 3, 1917. B. and O.: E. Huser, Cumberland, Wis.

76943 **Queen of Mount Vernon**
Sire *Countess's Champion* 17826. Dam *Von Don Lena* 50178.
Born June 11, 1917. B.: William T. Haines, Waterville, Maine. O.: Clifford R. Harris, Mount Vernon, Maine.

76944 **Maple Ridge Mary**
Sire *Maple Ridge Julien* 33811. Dam *Maple Ridge Kenora* 35836.
Born June 1, 1917. B. and O.: Guy Carr, Compton Station, Quebec.

76945 **Maple Ridge Martha**
Sire *Maple Ridge Julien* 33811. Dam *Maple Ridge Millie* 42548.
Born June 1, 1917. B. and O.: Guy Carr, Compton Station, Quebec.

76946 **Maple Ridge Fawn**
Sire *Maple Ridge Julien* 33811. Dam *Maple Ridge Eulalia* 22946.
Born July 13, 1917. B. and O.: Guy Carr, Compton Station, Quebec.

76947 **Maple Ridge Maiden**
Sire *Maple Ridge Julien* 33811. Dam *Maple Ridge Pandora* 58171.
Born Sept. 15, 1917. B. and O.: Guy Carr, Compton Station, Quebec.

76948 **Oak Ridge Stranford's Lady Gemsey**
Sire *Lord Stranford of Oak Ridge* 25974. Dam *Lady Gemsey 6th* 31044.
Born Aug. 8, 1917. B. and O.: Thomas F. Ryan, Oak Ridge, Va.

76949 **Phoebe of Glenburnie**
Sire *Golden Jewel* 25046. Dam *Lady Mack of Woodlands* 30715.
Born Jan. 9, 1917. B. and O.: T. C. Commins, Rumford, Va.

76950 **Lady Louise of Glenburnie**
Sire *Golden Jewel* 25046. Dam *Daisy of Woodlands* 36598.
Born April 13, 1917. B. and O.: T. C. Commins, Rumford, Va.

76951 **Hambro's Pride of Oak Grove**
Sire *Pride's Hambro* 35933. Dam *Village Sunshine* 48666.
Born Feb. 27, 1917. B. and O.: Palmer & Stephenson, Napoleon, Mich.

76952 **Saugerties Julia Clyde**
Sire *Imp. Beda's May Day* 34995. Dam *Kitty Clyde of Paxtang* 40921.
Born Feb. 14, 1917. B.: J. L. Hope, Madison, N. J. O.: J. O. Winston, Saugerties, N. Y.

76953 **Dorothy of Troy**
Sire *Langwater King of the May's Son* 20461. Dam *Delia Trink* 38806.
Born May 22, 1917. B. and O.: F. E. Patterson, Greenville, Del.

76954 **Queen May of Chanute**
Sire *Golden Adonis of Arborvitae* 20455. Dam *Queen Lulu of Iowanola* 55846.
Born May 29, 1917. B. and O.: E. H. Carwile, Chanute, Kansas.

76955 **Golden's Feliceta**
Sire *Caruso of Clovernook* 12824. Dam *Gipsy's Golden* 72631.
Born April 1, 1917. B. and O.: New Mexico Agricultural College, State College, N. Mex.

76956 **Caruso's Darien**
Sire *Caruso of Clovernook* 12824. Dam *Hazel Darien* 42734.
Born June 18, 1917. B. and O.: New Mexico Agricultural College, State College, N. Mex.

76957 **Lady Betsy of Rib Hill**
Sire *Gay's Ruby Rose King* 35260. Dam *Leading Lady's Bess* 55209.
Born April 2, 1917. B. and O.: J. J. Bean, West Salem, Wis.

76958 **Gay Geddis**
Sire *Gay's Ruby Rose King* 35260. Dam *Fawn Geddis* 59281.
Born April 9, 1917. B. and O.: J. J. Bean, West Salem, Wis.

76959 **Princess Ruby**
Sire *Gay's Ruby Rose King* 35260. Dam *Princess of Rib Hill* 53075.
Born April 10, 1917. B. and O.: J. J. Bean, West Salem, Wis.

76960 **Elm Brook Lassie 2d**
Sire *Stranford's Glenwood of Elmbrook* 22462. Dam *Elm Brook Lassie* 32849.
Born March 13, 1917. B. and O.: E. J. & Carrie Kautsky, Colby, Wis.

76961 **Rosy Rue's Frances**
Sire *Rosy Rue's Duke* 36112. Dam *Frances of Edgemont* 25864.
Born Jan. 8, 1917. B. and O.: Kansas State Agricultural College, Manhattan, Kansas.

76962 **Randolph Tosa Bell**
Sire *Stranford's Sultan of Chippewa* 34931. Dam *Malinda of Randolph* 42046.
Born April 6, 1917. B. and O.: William K. Patrick, Randolph, Wis.

76963 **Eugenia Libby of Waumesit**
Sire *Eugene F. of Holliston* 23145. Dam *Libby Jean of Waumesit 2d* 39757.
Born March 6, 1917. B. and O.: R. F. & A. H. Parker, Westboro, Mass.

76964 **Gypsy of Calumet**
Sire *King Bell of Oak-Lawn* 25580. Dam *Primrose of Calumet* 56295.
Born April 5, 1917. B. and O.: Edward Hass, New Holstein, Wis.

76965 **Maid of Calumet**
Sire *King Bell of Oak-Lawn* 25580. Dam *Dairy Maid of Calumet* 62389.
Born June 1, 1917. B. and O.: Edward Hass, New Holstein, Wis.

76966 **Selina of Harmony**
Sire *Prince Morrow of Sunnyside* 15374. Dam *Imp. Merton Silene* 17461.
Born March 18, 1917. B. and O.: De Ridder Bros., Ballston Spa, N. Y.

76967 **Hattie Lee**
Sire *Frank of Oakwood* 36684. Dam *Jessie's Girl of Oakwood* 58167.
Born March 21, 1917. B.: W. Henry Bell, Scotts Station, Ky. O.: T. L. Connor, Eutawville, S. C.

76968 **Miss Hettie May**
Sire *Frank of Oakwood* 36684. Dam *Katie of Oakwood* 56835.
Born May 12, 1917. B.: W. Henry Bell, Scotts Station, Ky. O.: T. L. Connor, Eutawville, S. C.

76969 **Beauty of Drake-Linden-Hall**
Sire *Glenwood's Autocrat of Haddon* 26966. Dam *Viola Allen* 21818.
Born Dec. 29, 1916. B. and O.: Mrs. M. J. McMenamin, Merion, Pa.

76970 **Hope of St. Amant**
Sire *Prairie Side King* 28079. Dam *St. Amant of Lewison's Francena* 31392.
Born June 9, 1917. B. and O.: Mark L. Burns, Cass Lake, Minn.

76971 **Gretchen of Guern-weal**
Sire *Imp. Lisle's Governor* 24737. Dam *Imp. Carlotta of Sarnia* 50476.
Born Feb. 15, 1917. B. and O.: Moulton B. Goff, Sturgeon Bay, Wis.

76972 **Miranda's Rose of New Hope**
Sire *Miranda's Prince* 30654. Dam *Coral's Trixy* 54159.
Born April 27, 1917. B. and O.: A. S. Anderson, Amherst Junction, Wis.

76973 **Ben's Lady**
Sire *Dupont King of the Knoll Crest* 26193. Dam *Heiress of Green View* 43056.
Born April 1, 1917. B. and O.: B. C. Helms, Marion, Wis.

76974 **Idylewilde Pauline**
Sire *Glenwood's May Rose King of Idylewilde* 25747. Dam *Glenwood Girl of Idylewilde* 36708.
Born June 25, 1917. B. and O.: E. H. Moore, Kendal Green, Mass.

76975 **Betty Franc of Cedarcrest**
Sire *Imp. Franc of Meadowbrook* 27667. Dam *Betty of Cedarcrest* 59802.
Born July 16, 1917. B. and O.: Frank M. Donohue, New Brunswick, N. J.

76976 **Glenn's Idyl**
Sire *Lotty's Governor* 28256 Dam *Buttercup Kruger* 50656.
Born July 18, 1915. B. and O.: Avery R. McClintock, Belle Vernon, Pa.

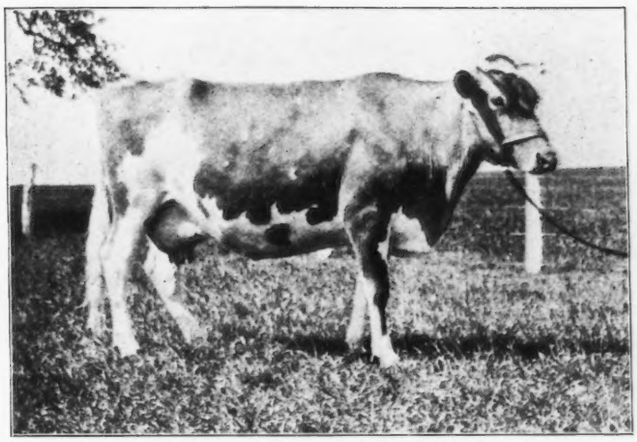
76977 **Miss La Fontaine Raymond**
Sire *Lotty's Governor* 28256. Dam *Buttercup Kruger* 50656.
Born June 14, 1916. B. and O.: Avery R. McClintock, Belle Vernon, Pa.

76978 **McClintock's Dell**
Sire *Lotty's Governor* 28256. Dam *Buttercup Kruger* 50656.
Born April 20, 1917. B. and O.: Avery R. McClintock, Belle Vernon, Pa.

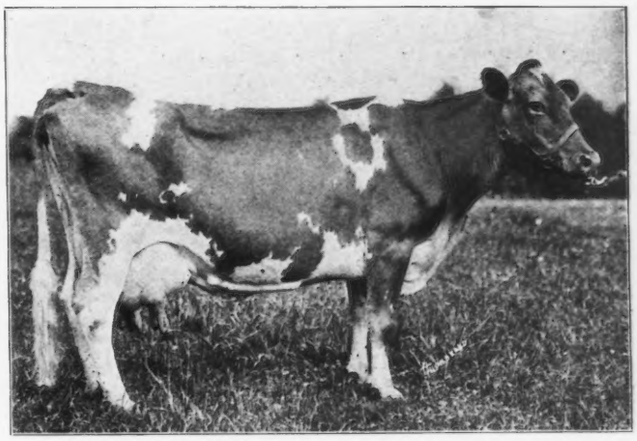
76979 **Rosces Rosebud of Superior**
Sire *Magnet Primrose of Crystal Creek* 27262. Dam *Rosebud of Lone Oak* 50553.
Born April 21, 1917. B. and O.: G. A. Marks, Louisville, Ohio.

76980 **Hazel King of Superior**
Sire *Edna's King of Mill Run* 30113. Dam *Ona of Mill Run* 59261.
Born July 5, 1917. B.: T. E. Brinker, Lisbon, Ohio. O.: G. A. Marks, Louisville, Ohio.

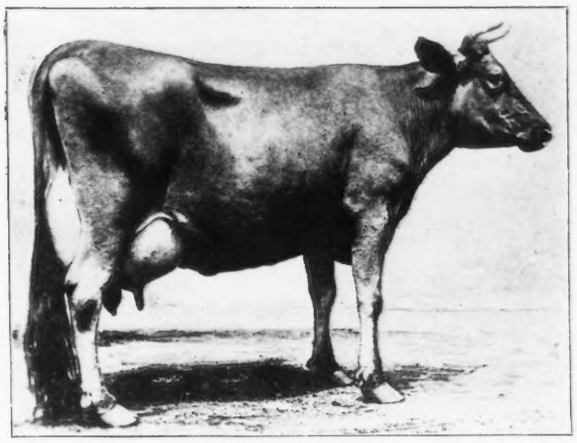
THE ADVANCED REGISTER OF GUERNSEY CATTLE



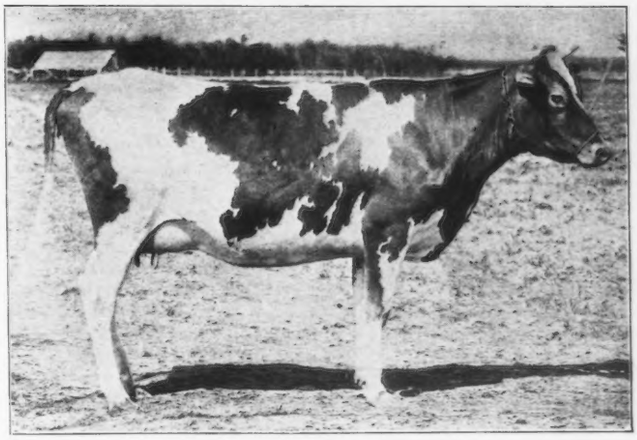
IMP. FROOME'S QUEEN 28706
Official year's record: 8747.55 lbs. milk; 465.14 lbs. butter fat.
Re-entry 1421



EFFIE OF ALFALFA FARMS 31058
Official year's record: 15111.70 lbs. milk; 746.56 lbs. butter fat.
Re-entry 1759

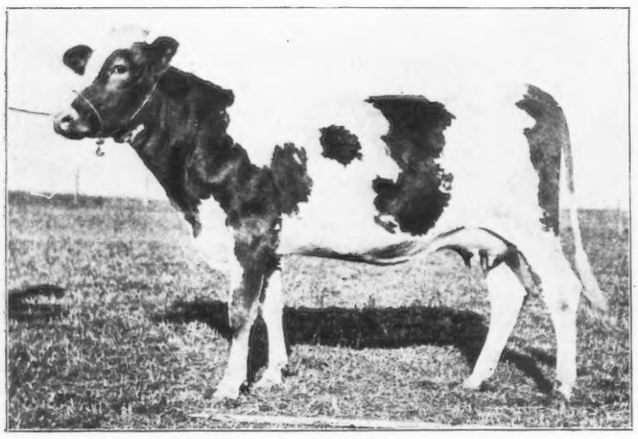


MURNE COWAN 19597
Official year's record: 17383.50 lbs. milk; 791.76 lbs. butter fat.
Re-entry 1906

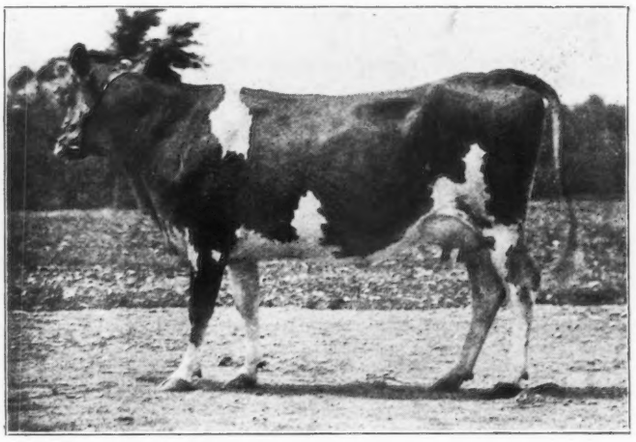


LA NOCE OF RIVERSIDE FARM 36284
Official year's record: 10725.40 lbs. milk; 557.05 lbs. butter fat.
Re-entry 2522

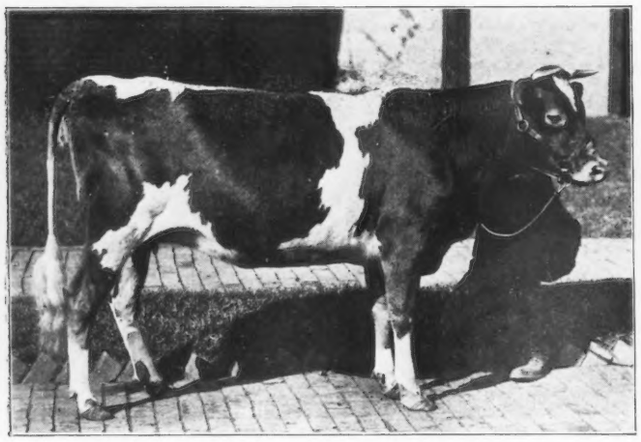
THE ADVANCED REGISTER OF GUERNSEY CATTLE



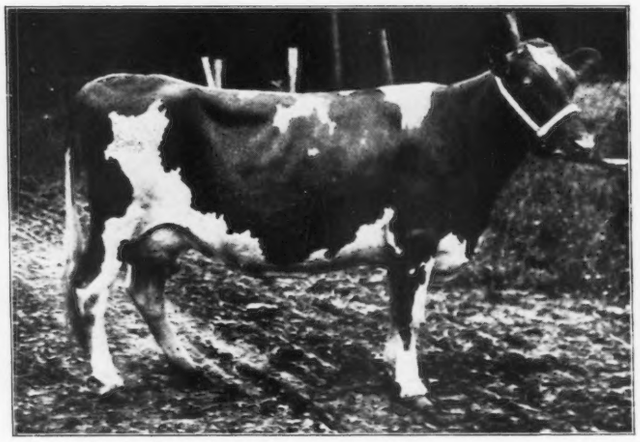
GLENWOOD BOY'S BUTTERCUP 38488
Official year's record: 9752.20 lbs. milk; 427.57 lbs. butter fat.
Re-entry 2978



IMP. CROUPETTE 9TH 45936
Official year's record: 14561.40 lbs. milk; 671.18 lbs. butter fat.
Re-entry 3319

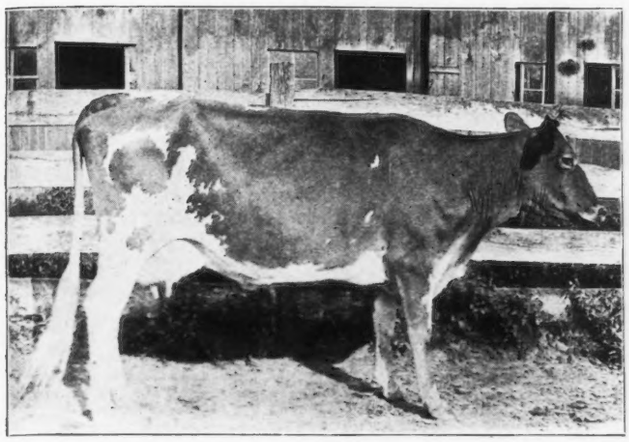


DAIRYMAID OF WAUKESHA 38053
Official year's record: 12557.80 lbs. milk; 619.68 lbs. butter fat.
Re-entry 3388

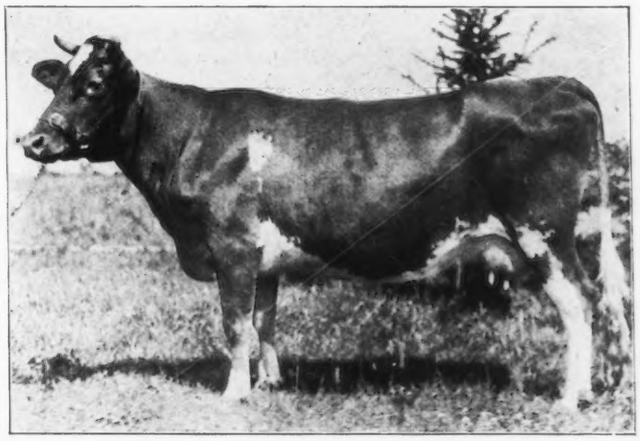


MISS SUNSET 37107
Official year's record: 12790.30 lbs. milk; 632.00 lbs. butter fat.
Re-entry 3564

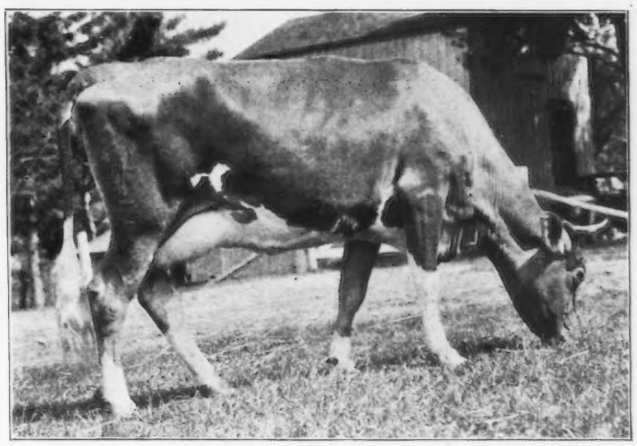
THE ADVANCED REGISTER OF GUERNSEY CATTLE



DAISY OF OAKWOOD 49838
Official year's record: 7781.00 lbs. milk; 415.94 lbs. butter fat.
Re-entry 3775



IMP. SEQUEL'S DOLLY OF THE VRANGUE 43914
Official year's record: 10632.90 lbs. milk; 556.09 lbs. butter fat.
Re-entry 4090



IMP. ROSY XII. DE LA VIEILLE RUE 53814
Official year's record: 10111.70 lbs. milk; 546.85 lbs. butter fat.
Re-entry 4613

Re-entry 1057 Lolita Marshall 18441

Sire Jim Marshall 8280 A. R.
Sire Pocomoke 6075 A. R.
Dam Mary Marshall 5604 A. R. 15.
Dam Lolita of Darlington 11606 A. R. 181.
Sire Primeval 4812 A. R.
Dam Queen Bess of Whiteside 9831.
Breeder Albert C. Loring, Minneapolis, Minn.
Owner Albert C. Loring, Minneapolis, Minn.
Born Nov. 8, 1904. *Calved* May 27, 1916.
Served May 3, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Minnesota Agricultural Experiment Station.

Official Year's Record, Class A

		Milk	Butter Fat	
		lbs.	%	lbs.
June	8, 1916,	1078.50	4.98	53.71
July,	"	1396.20	4.30	60.04
Aug.,	"	1169.40	4.32	50.52
Sept.,	"	962.80	4.78	46.02
Oct.,	"	913.30	4.50	41.10
Nov.,	"	726.40	4.94	35.88
Dec.,	"	722.60	5.18	37.43
Jan.,	1917,	628.30	5.11	32.11
Feb.,	"	517.70	5.08	26.30
Mar.,	"	565.60	5.29	29.92
Apr.,	"	517.60	6.18	31.99
May,	"	547.50	5.33	29.18
June	7, "	129.50	5.33	6.90
	Total	**9875.40**	**4.87 Av.**	**481.10**

Owner's Statement of Feed

June—6 to 9 lbs. grain daily of the following mixture: 300 lbs. bran, 20 lbs. each middlings and gluten, 225 lbs. ground oats, 200 lbs. barley, 50 lbs. oil meal; pasture.

July—9.5 to 11 lbs. grain daily same mixture as June; pasture.

Aug.—10 to 12 lbs. grain daily same mixture as June; pasture.

Sept.—12 lbs. grain daily same mixture as June; 25 lbs. green corn, 2 lbs. hay.

Oct.—Same grain ration as September; ensilage and alfalfa.

Nov.—12 lbs. grain daily same mixture as June; ensilage and alfalfa.

Dec.—12 lbs. grain daily of the following mixture: 400 lbs. bran, 200 lbs. ground oats, 300 lbs. barley, 100 lbs. oil meal; 10 lbs. each roots and alfalfa, 30 to 35 lbs. ensilage.

Jan.—Same ration as given in December.

Feb.—Same ration as given in December.

Mar.—12 lbs. grain daily of the following mixture: 80 lbs. bran, 20 lbs. wheat middlings, 30 lbs. ground oats, 60 lbs. barley, 10 lbs. oil meal; 25 lbs. ensilage, alfalfa.

Apr.—Same grain ration as March; 40 lbs. ensilage, alfalfa.

May—10 lbs. grain daily of the following mixture: 80 lbs. bran, 30 lbs. ground oats, 60 lbs. ground barley, 10 lbs. oil meal; hay.

June—Same ration as given in May.

Previous record begun as a four year old: 7009.90 lbs. milk, 345.71 lbs. butter fat. Published in Vol. XXI.

Re-entry 1421 Imp. Froome's Queen 28706

Sire Harley of Chitral R. G. A. S. 1182 P. S., A. R.
Sire Loyal of the Hunguets R. G. A. S. 978 P. S., A. R.
Dam May of St. George R. G. A. S. 3843 P. S.
Dam Lady Mary de Carteret R. G. A. S. 4320 P. S.
Sire Squire of La Lande I. R. G. A. S. 1095 P. S.
Dam Lady de Carteret II. R. G. A. S. 3446 P. S.
Breeder G. H. Froome, Island of Guernsey.
Owner H. H. Pearson, Jr., Claiborne, Md.
Sold May 31, 1917 to Robert Gould Shaw, 2d, Newton Center, Mass.
Born Aug. 16, 1904. *Calved* July 8, 1916.
Served Feb. 5, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Maryland Agricultural Experiment Station.

Official Year's Record, Class A

		Milk	Butter Fat	
		lbs.	%	lbs.
July	9, 1916,	787.10	5.12	40.30
Aug.,	"	1211.20	4.61	55.84
Sept.,	"	1223.00	4.96	60.66
Oct.,	"	1115.40	5.41	60.34
Nov.,	"	933.70	6.29	58.73
Dec.,	"	765.00	5.68	43.45
Jan.,	1917,	623.00	5.35	33.33
Feb.,	"	478.80	5.72	27.39
Mar.,	"	463.00	5.61	25.97
Apr.,	"	443.80	5.38	23.88
May,	"	446.90	5.01	22.39
June,*	"	256.65	5.01	12.86
July	8, "	Dry.		
	Total	**8747.55**	**5.32 Av.**	**465.14**

*2 days lacking.

Owner's Statement of Feed

July—255 lbs. grain: 102.6 lbs. bran, 102.7 lbs. ground oats, 23 lbs. oil meal, and 26.7 lbs. of the following mixture: 12.5 lbs. each bran, corn meal, and linseed meal, 40 lbs. Ajax Flakes, 6.25 lbs. each cottonseed meal and beet pulp; 24 lbs. beet pulp, 91 lbs. ensilage, 141 lbs. green corn, 162 lbs. green alfalfa, 230 lbs. alfalfa hay, pasture.

Aug.—484 lbs. grain: 94 lbs. each bran and ground oats, 31 lbs. oil meal, 16.5 lbs. soy bean meal, and 248.5 lbs. of the same mixture as July; 121 lbs. beet pulp, 93 lbs. green soy beans, 181 lbs. ensilage, 217 lbs. green corn, 310 lbs. each green and dry alfalfa.

Sept.—566 lbs. grain: 90 lbs. each bran and ground oats, 30 lbs. oil meal, 15 lbs. soy bean meal, and 341 lbs. of same mixture as July; 134 lbs. beet pulp, 39 lbs. roots, 197 lbs. green corn, 34 lbs. green soy beans, 153 lbs. ensilage, 300 lbs. each green and dry alfalfa.

Oct.—635.5 lbs. grain: 93 lbs. each bran and ground oats, 15.5 lbs. corn meal, 31 lbs. each soy bean meal and oil meal, and 372 lbs. same mixture as July; 60 lbs. beet pulp, 505 lbs. roots, 372 lbs. ensilage, 226 lbs. green alfalfa, 310 lbs. alfalfa hay.

Nov.—603 lbs. grain: 90 lbs. each bran and ground oats, 15 lbs. corn meal, 18 lbs. soy bean meal, 30 lbs. oil meal, and 360 lbs. same mixture as July; 83 lbs. beet pulp, 570 lbs. roots, 360 lbs. ensilage, 12 lbs. green alfalfa, 300 lbs. alfalfa hay.

Dec.—465 lbs. grain: 31 lbs. each corn meal, soy bean meal, and oil meal and 372 lbs. same mixture as July; 93 lbs. beet pulp, 558 lbs. roots, 372 lbs. ensilage, 310 lbs. alfalfa.

Jan.—Same ration as given in December.

Feb.—420 lbs. grain: 28 lbs. each corn meal, soy bean meal, and oil meal and 336 lbs. same mixture as July; 84 lbs. beet pulp, 264 lbs. roots, 336 lbs. ensilage, 280 lbs. alfalfa.

Mar.—465 lbs. grain: 31 lbs. each corn meal, soy bean meal, and oil meal and 372 lbs. of the following mixture: 25 lbs. each bran, corn meal, cottonseed meal, and linseed meal, 80 lbs. Ajax Flakes, 12.5 lbs. beet pulp; 93 lbs. beet pulp, 186 lbs. roots, 372 lbs. ensilage, 310 lbs. alfalfa.

Apr.—450 lbs. grain: 30 lbs. each corn meal, soy bean meal, and oil meal and 360 lbs. same mixture as July; 90 lbs. beet pulp, 180 lbs. roots, 360 lbs. ensilage, 300 lbs. alfalfa.

May—465 lbs. grain: 31 lbs. each corn meal, soy bean meal, and oil meal and 372 lbs. same mixture as July; 93 lbs. beet pulp, 372 lbs. ensilage, 310 lbs. green alfalfa, pasture.

June—258 lbs. grain: 35 lbs. bran, 70 lbs. corn meal, 49 lbs. ground oats, 8 lbs. oil meal and 96 lbs. same mixture as July, 1916; 24 lbs. beet pulp, 96 lbs. ensilage, 80 lbs. alfalfa, grass.

July—No record given.

Previous Records. First record begun at five years and nine months of age: 9993.50 lbs. milk, 500.30 lbs. butter fat. Second record begun at six years and eight months of age: 11227.00 lbs. milk, 551.88 lbs. butter fat. Third record begun at eight years of age: 13902.20 lbs. milk, 715.84 lbs. butter fat. Fourth record begun at ten years and ten months of age: 14484.00 lbs. milk, 750.80 lbs. butter fat. Published in Vols. XXIV., XXVI., XXVIII., and XXXI.

Re-entry 1488 Eagle Flossie 18122

Sire Dido's Standard 7683 A. R.
Sire Standard 4652 A. R.
Dam Dido of Geneva 8063.
Dam Auricle 2d 13457.
Sire Honorius 3361.
Dam Auricle 9135.
Breeder William H. Swartz, Eagle, Wis.
Owner John H. Williams, Waukesha, Wis.
Born Oct. 4, 1904. *Calved* June 24, 1916.
Served Jan. 16, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class A

		Milk	Butter Fat	
		lbs.	%	lbs.
July	1, 1916,	1352.00	3.91	52.86
Aug.,	"	1162.70	4.53	52.67
Sept.,	"	1176.60	4.12	48.48
Oct.,	"	1193.60	4.56	54.43
Nov.,	"	1178.50	4.65	54.80
Dec.,	"	1166.20	4.69	54.69
Jan.,	1917,	1087.90	4.71	51.24
Feb.,	"	837.30	4.46	37.34
Mar.,	"	936.80	4.40	41.22
Apr.,	"	853.80	4.37	37.31
May,	"	841.00	4.84	40.70
June	30, "	821.90	4.51	37.07
	Total	**12608.30**	**4.46 Av.**	**562.81**

Owner's Statement of Feed

July—5 lbs. grain daily, 3.5 lbs. of the following mixture with 1.5 lbs. oil meal added: 200 lbs. bran, 100 lbs. each Ajax Flakes and Schumacher Feed; 10 lbs. beet pulp, alfalfa.

Aug.—12 lbs. grain daily, 10.5 lbs. same mixture as July with 1.5 lbs. oil meal added; green corn and alfalfa.

Sept.—10.5 lbs. grain daily same mixture as July; 5 lbs. beet pulp, green corn.

Oct.—Same grain ration as September; mangels last of month, ensilage after the 15th.

Nov.—Same grain ration as given in September; ensilage and hay.

Dec.—Same ration as given in November.

Jan.—Same ration as given in November.

Feb.—Same ration as given in November.

Mar.—11.5 lbs. grain daily, 10 lbs. of equal parts bran, ground corn and oats, and Ajax Flakes with 1.5 lbs. oil meal added; 24 lbs. ensilage, 12 lbs. alfalfa.

Apr.—11.5 lbs. grain daily, 10 lbs. of the following mixture with 1.5 lbs. oil meal added: 100 lbs. each bran, ground corn and oats, and Badger Feed, 50 lbs. D. D. D. Grains; 22 lbs. ensilage, 12 lbs. alfalfa.

May—11.5 lbs. grain daily of 3 lbs. bran, 1 lb. corn meal, 2 lbs. ground oats, 4 lbs. Badger Feed, and 1.5 lbs. oil meal; 22 lbs. ensilage, 12 lbs. alfalfa.

June—7 lbs. grain daily of 2 lbs. bran, 1 lb. each corn meal and ground oats, 3 lbs. Badger Feed; 20 lbs. ensilage, 10 lbs. hay.

Previous record begun at six years of age: 9403.40 lbs. milk, 464.18 lbs. butter fat. Published in Vol. XXIV.

Re-entry 1643 Imp. Blackberry of the Isle 26648

Sire Governor of the Chêne R. G. A. S. 1297 P. S., A. R.
Sire Compact R. G. A. S. 1076 P. S.
Dam Richesse du Chêne VIII. R. G. A. S. 4004 P. S.
Dam Blackberry R. G. A. S. 2737 F. S.
Sire On Guernsey.
Dam On Guernsey.
Breeder Gerald W. Paint, Island of Guernsey.
Owner C. Christensen, La Crosse, Wis.
Born Sept. 24, 1906. *Calved* Aug. 5, 1916.
Served Feb. 13, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class A

		Milk	Butter Fat	
		lbs.	%	lbs.
Aug.	10, 1916,	821.80	4.07	33.45
Sept.,	"	1266.70	3.74	47.37
Oct.,	"	1054.80	4.38	46.20
Nov.,	"	1002.40	4.08	40.90
Dec.,	"	954.10	4.26	40.64
Jan.,	1917,	814.70	4.91	40.00
Feb.,	"	670.40	4.95	33.18
Mar.,	"	702.20	4.74	33.28
Apr.,	"	704.90	4.72	33.27
May,	"	647.20	4.46	28.87
June,	"	508.50	5.99	30.46
July,	"	515.70	5.01	25.84
Aug.	9, "	148.80	5.31	7.90
Total		**9812.20**	**4.50 Av.**	**441.36**

Owner's Statement of Feed

Aug.—15 lbs. grain daily of the following mixture: 200 lbs. each bran and Distillers' Grains, 100 lbs. each hominy and ground oats, 50 lbs. oil meal; ensilage, alfalfa, and pasture.

Sept.—15 lbs. grain daily, 14 lbs. of the following mixture with 1 lb. oil meal added: 200 lbs. each bran and Distillers' Grains, 100 lbs. each hominy and ground oats; 25 lbs. ensilage, alfalfa and pasture.

Oct.—18 lbs. grain daily of the following mixture: 103 lbs. bran, 57 lbs. hominy, 100 lbs. ground oats, 186 lbs. Hector Feed, 71 lbs. gluten, 20 lbs. oil meal; 45 lbs. ensilage, mixed hay.

Nov.—Same grain ration as October with 22 lbs. less ground oats in mixture; 45 lbs. ensilage, mixed hay.

Dec.—Same grain ration as November; 5 lbs. beets, 45 lbs. ensilage, and mixed hay.

Jan.—Same grain ration as November to the 10th with 21 lbs. less gluten in mixture, then 18 lbs. of 103 lbs. bran, 60 lbs. hominy, 100 lbs. ground oats, 186 lbs. Hector Feed, 40 lbs. oil meal; 6 lbs. beets, 45 lbs. ensilage, and timothy hay.

Feb.—16 lbs. grain daily of the following mixture: 100 lbs. each bran and ground oats, 150 lbs. Ajax Flakes, 90 lbs. oil meal; 6 lbs. beets to the 23d, 40 lbs. ensilage, and mixed hay.

Mar.—14 lbs. grain daily of the following mixture: 100 lbs. each bran and oil meal, 150 lbs. each ground oats and Ajax Flakes; 40 lbs. ensilage, mixed hay.

Apr.—12 lbs. grain daily to the 11th same mixture as March, then 12 lbs. of 100 lbs. each ground oats and oil meal, 200 lbs. Ajax Flakes; 40 lbs. ensilage, mixed hay.

May—Same grain ration as first of April; 40 lbs. ensilage, mixed hay.

June—8 lbs. grain daily same mixture as March; 30 lbs. ensilage, mixed hay to the 26th then alfalfa.

July—6 lbs. grain daily of the following mixture: 100 lbs. each bran and oil meal, 200 lbs. ground oats, 150 lbs. Ajax Flakes; 30 lbs. ensilage, alfalfa and mixed hay.

Aug.—6 lbs. grain daily of the following mixture: 100 lbs. each bran and oil meal, 200 lbs. Hector Feed; 30 lbs. ensilage, green oats and peas, and mixed hay.

Previous record begun as a four year old: 7647.40 lbs. milk, 385.87 lbs. butter fat. Published in Vol. XXV.

Re-entry 1759 Effie of Alfalfa Farms 31058

Sire Glenwood's Champion 15639 A. R.
Sire Glenwood Boy of Haddon 4605 A. R.
Dam Coralie of Pinehurst 13057.
Dam Lady Gemsey 2d 31025.
Sire Sandbur 4382 A. R.
Dam Lady Gemsey 28922.
Breeder Howard Shivers, Haddonfield, N. J.
Owner Thomas F. Ryan, Oak Ridge, Va.
Born Dec. 15, 1907. *Calved* June 24, 1916.
Served Jan. 18, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Virginia Agricultural Experiment Station.

Official Year's Record, Class A

		Milk	Butter Fat	
		lbs.	%	lbs.
Sept.	1, 1916,	1503.60	4.52	67.96
Oct.,	"	1496.10	4.33	64.78
Nov.,	"	1365.90	5.05	68.98
Dec.,	"	1297.60	5.34	69.29
Jan.,	1917,	1285.10	5.06	65.03
Feb.,	"	1118.60	5.42	60.63
Mar.,	"	1241.60	5.16	64.07
Apr.,	"	1220.30	4.94	60.28
May,	"	1233.70	4.77	58.85
June,	"	1171.50	4.86	56.93
July,	"	1137.00	5.15	58.56
Aug.	31, "	1040.70	4.92	51.20
Total		**15111.70**	**4.94 Av.**	**746.56**

Owner's Statement of Feed

Sept.—5 lbs. ground oats daily and 1 lb. to each 4 lbs. milk of equal parts bran, Ajax Flakes, Brewers' Grains, cottonseed meal, and oil meal; 4 lbs. beet pulp, alfalfa.

Oct.—Same grain ration as September; 4 lbs. beet pulp, 30 lbs. ensilage, alfalfa.

Nov.—4 lbs. ground oats daily and 1 lb. to each 4 lbs. milk of equal parts bran, Brewers' Grains, Ajax Flakes, cottonseed meal, and oil meal; 4 lbs. beet pulp, 15 lbs. ensilage, alfalfa.

Dec.—Same grain ration as November; 4 lbs. beet pulp, 25 lbs. ensilage, alfalfa.

Jan.—Same ration as given in December.

Feb.—Same grain ration as September; 5 lbs. beet pulp, 30 lbs. ensilage, alfalfa.

Mar.—Same grain ration as November; 4 lbs. beet pulp, 30 lbs. ensilage, alfalfa.

Apr.—Same ration as given in March.

May—1 lb. grain daily of the following mixture to each 4 lbs. milk: 100 lbs. each bran and oil meal, 300 lbs. cracked corn, 250 lbs. rolled oats, 200 lbs. Brewers' Grains, 50 lbs. oil meal; 5 lbs. beet pulp, 30 lbs. ensilage, alfalfa, and pasture.

June—1 lb. grain daily of the following mixture to each 4 lbs. milk: 100 lbs. each bran, Ship Stuff, cottonseed meal, and oil meal, 300 lbs. each cracked corn and rolled oats; 5 lbs. beet pulp, 20 lbs. ensilage, alfalfa, and pasture.

July—1 lb. grain daily of the following mixture to each 4 lbs. milk: 100 lbs. each bran, Ship Stuff, cottonseed meal, and oil meal, 600 lbs. rolled oats; 5 lbs. beet pulp, 20 lbs. ensilage, alfalfa, and pasture.

Aug.—Same ration as given in July.

Previous Records. First record as a three year old: 11446.90 lbs. milk, 554.81 lbs. butter fat. Second record begun at five years and four months of age: 9532.00 lbs. milk, 497.03 lbs. butter fat. Third record begun at six years and four months of age: 11987.00 lbs. milk, 618.03 lbs. butter fat. Published in Vols. XXVI., XXIX., and XXX.

Re-entry 1883 Imp. Maid of Richmond 33805

Sire Imp. Raymond of the Préel VI. 14360 A. R.
Sire Imp. Raymond of the Préel 11353 A. R.
Dam Flora of the Effards R. G. A. S. 2773 F. S.
Dam Imp. Fillpail XIV. 26619.
Sire Richmond R. G. A. S. 1278 P. S.
Dam Fillpail XI. R. G. A. S. 3787 P. S.
Breeder Gen. De Vic Carey, Island of Guernsey.
Owner A. W. & F. E. Fox, Waukesha, Wis.
Born June 11, 1909. *Calved* June 9, 1916.
Served Mar. 14, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class A

		Milk	Butter Fat	
		lbs.	%	lbs.
June	16, 1916,	420.00	5.26	22.09
July,	"	1225.00	5.26	64.44
Aug.,	"	1126.60	4.55	51.26
Sept.,	"	1218.60	4.83	58.86
Oct.,	"	1063.40	4.04	42.96
Nov.,	"	1012.30	5.05	51.12
Dec.,	"	964.60	5.47	52.76
Jan.,	1917,	875.60	5.79	50.70
Feb.,	"	769.90	5.28	40.65
Mar.,	"	800.10	5.09	40.73
Apr.,	"	675.40	5.63	38.03
May,	"	738.90	5.62	41.53
June	15, "	344.70	5.61	19.34
Total		**11235.10**	**5.11 Av.**	**574.47**

Owner's Statement of Feed

June—15 lbs. grain daily of 3 lbs. Ajax Flakes, 5 lbs. Schumacher Feed, 6 lbs. Unicorn Dairy Ration, and 1 lb. oil meal; 15 lbs. ensilage, alfalfa.

July—9.5 lbs. grain daily of 3 lbs. Badger Dairy Feed, 4 lbs. Distillers' Grains, and 2.5 lbs. oil meal; 10 lbs. ensilage, alfalfa.

Aug.—15 lbs. grain daily of 7 lbs. Distillers' Grains, 6 lbs. Schumacher Feed, and 2 lbs. oil meal; 20 lbs. beets, 15 lbs. ensilage, green corn stover and alfalfa.

Sept.—15.5 lbs. grain daily of 7.5 lbs. Distillers' Grains, 6 lbs. Schumacher Feed, and 2 lbs. oil meal; 30 lbs. beets, 15 lbs. ensilage, alfalfa.

Oct.—Same ration as given in September.

Nov.—18 lbs. grain daily of 6 lbs. ground oats, 9 lbs. D. D. D. Grains, and 3 lbs. oil meal; 36 lbs. beets, alfalfa.

Dec.—17 lbs. grain daily of 6 lbs. ground oats, 8 lbs. D. D. D. Grains, and 3 lbs. oil meal; 40 lbs. mangels, 9 lbs. ensilage, alfalfa and clover hay.

Jan.—16 lbs. grain daily of 3 lbs. bran, 4 lbs. ground oats, 7 lbs. D. D. D. Grains, and 2 lbs. oil meal; 32 lbs. beets, 6 lbs. beet pulp, 16 lbs. ensilage, alfalfa.

Feb.—16 lbs. grain daily of 4 lbs. ground oats, 10 lbs. Distillers' Grains, and 2 lbs. oil meal; 8 lbs. beet pulp, 36 lbs. beets, 12 lbs. ensilage, alfalfa.

Mar.—12 lbs. grain daily of 4 lbs. ground oats, 6 lbs. Dewey's Distillers' Grains, and 2 lbs. oil meal; 32 lbs. mangels, 12 lbs. ensilage, mixed hay.

Apr.—10 lbs. grain daily of 4 lbs. each ground oats and Brewers' Grains and 2 lbs. oil meal; 24 lbs. mangels, 8 lbs. ensilage, alfalfa.

May—12 lbs. grain daily of 2 lbs. each bran and oil meal and 4 lbs. each ground oats and Brewers' Grains; 24 lbs. mangels, 12 lbs. ensilage, mixed hay.

June—12 lbs. grain daily of 2 lbs. each bran and corn meal and 4 lbs. each ground oats and Distillers' Grains; 24 lbs. ensilage, hay.

Previous record begun as a two year old: 5864.50 lbs. milk, 336.41 lbs. butter fat. Published in Vol. XXVI.

Re-entry 1906 Murne Cowan 19597

Sire Fantasia's Jeweller 7259.
Sire Lily Ella's Jeweller 5417 A. R.
Dam Fantasia S. 7921.
Dam Janet Brown 12403.
Sire Golden of Homestead 3494.
Dam Mabel C. 6927.
Breeder A. F. Pears, Elizabeth, Pa.
Owner O. C. Barber, Barberton, Ohio.
Born May 7, 1905. *Calved* June 20, 1916.
Served Apr. 9, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Ohio State University, Columbus, Ohio.

Official Year's Record, Class A

		Milk	Butter Fat	
		lbs.	%	lbs.
June	28, 1916,	212.30	5.18	11.00
July,	"	1807.40	5.18	93.62
Aug.,	"	1655.30	3.95	65.38
Sept.,	"	1726.90	3.84	66.31
Oct.,	"	1684.40	4.41	74.28
Nov.,	"	1607.90	4.65	74.77
Dec.,	"	1485.40	4.69	69.67
Jan.,	1917,	1429.50	4.38	62.61
Feb.,	"	1173.40	4.52	53.04
Mar.,	"	1226.80	4.66	57.17
Apr.,	"	1215.90	4.53	55.08
May,	"	1104.80	5.13	56.68
June	27, "	1053.50	4.95	52.15
Total		**17383.50**	**4.55 Av.**	**791.76**

Owner's Statement of Feed

June—6 lbs. grain daily of equal parts bran and ground oats; pasture.

July—12 lbs. grain daily of 4 lbs. each ground oats and Ajax Flakes and 2 lbs. each gluten feed and oil meal; 2 lbs. beet pulp, 30 lbs. ensilage, 10 lbs. alfalfa.

Aug.—16 lbs. grain daily, 12 lbs. of the following mixture with 4 lbs. hominy added: 200 lbs. each bran, gluten, and cottonseed meal, 100 lbs. hominy, 250 lbs. each ground oats and Ajax Flakes, 300 lbs. oil meal; 30 lbs. beets, 25 lbs. ensilage, 10 lbs. alfalfa.

Sept.—16 lbs. grain daily of the following mixture: 200 lbs. each bran, gluten, and cottonseed meal, 100 lbs. hominy, 250 lbs. each ground oats and Ajax Flakes; 30 lbs. mangels, 25 lbs. ensilage, 10 lbs. alfalfa.

Oct.—20.5 lbs. grain daily of 2 lbs. each hominy and gluten, 4 lbs. each ground oats, Ajax Flakes, and oil meal, 4.5 lbs. molasses alfalfa; 55 lbs. beets, 6 lbs. ensilage, 12 lbs. alfalfa.

Nov.—18.08 lbs. grain daily of 2 lbs. each hominy, ground oats, and gluten feed, 4 lbs. each Ajax Flakes, molasses alfalfa, and oil meal, and .08 lb. cottonseed meal; 55 lbs. beets, 8 lbs. ensilage, 12 lbs. alfalfa.

Dec.—18 lbs. grain daily of 2 lbs. each bran, hominy, Ajax Flakes, Unicorn Dairy Ration, and oil meal and 4 lbs. each ground oats and molasses alfalfa; 55 lbs. beets, 8 lbs. ensilage, 16 lbs. alfalfa.

Jan.—18 lbs. grain daily of 2 lbs. each hominy and oil meal, 3 lbs. ground oats, 5 lbs. Ajax Flakes, 1 lb. each gluten and cottonseed meal, and 4 lbs. molasses alfalfa; 2 lbs. beet pulp, 55 lbs. beets, 8 lbs. ensilage, 15 lbs. alfalfa.

Feb.—17 lbs. grain daily of 1 lb. each bran, hominy, barley, gluten, and cottonseed meal, 2 lbs. each ground oats and oil meal, 4 lbs. each Ajax Flakes and molasses alfalfa; 1.5 lbs. beet pulp, 60 lbs. beets, 8 lbs. ensilage, 15 lbs. alfalfa.

Mar.—12 lbs. grain daily of 2 lbs. each bran, middlings, and ground oats, 4 lbs. hominy, and 1 lb. each Ajax Flakes and gluten; 2 lbs. beet pulp, 36 lbs. beets, 30 lbs. ensilage, 10 lbs. alfalfa.

Apr.—14 lbs. grain daily of 4 lbs. bran and 2 lbs. each hominy meal, ground oats, Ajax Flakes, Unicorn Dairy Ration, and Malto Dairy Feed; 45 lbs. beets, 8 lbs. each ensilage and alfalfa.

May—15 lbs. grain daily of 4 lbs. each bran, ground oats, and Malto Dairy Feed, 2 lbs. hominy meal, and 1 lb. oil meal; 24 lbs. beets, 16 lbs. ensilage, 8 lbs. alfalfa.

June—14 lbs. grain daily of 4 lbs. each bran, hominy, and ground oats and 2 lbs. oil meal; 40 lbs. beets, 20 lbs. ensilage, 6 lbs. alfalfa.

Previous Records. First record begun at six years and three months of age: 16729.30 lbs. milk, 845.41 lbs. butter fat. Second record begun at eight years and nine months of age: 24008.00 lbs. milk, 1098.18 lbs. butter fat. Published in Vols. XXVII. and XXX.

Re-entry 2317 Village Evette 32773

Sire Beauty's Gold Basis of Village Farms 12467 A. R.
Sire Royal Baron of Valley View 9917.
Dam Belle of Birchton's Beauty 19274 A. R. 694.
Dam Evette of Prospect 21977.
Sire Sir Ford's Last Son 7976.
Dam Evette 9910.
Breeder Fitch Gilbert, Jr., Gilbertsville, N. Y.
Owner Gage E. Tarbell, Smithville Flats, N. Y.
Born Feb. 3, 1910. *Calved* Sept. 23, 1916.
Served May 9, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Official Year's Record, Class A

		Milk	Butter Fat	
		lbs.	%	lbs.
Sept.	26, 1916,	204.50	4.42	9.04
Oct.,	"	1550.30	4.42	68.52
Nov.,	"	1417.70	4.60	65.21
Dec.,	"	1365.70	4.93	67.33
Jan.,	1917,	1255.10	5.09	63.88
Feb.,	"	1023.00	5.34	54.63
Mar.,	"	1042.70	5.13	53.49
Apr.,	"	946.40	5.67	53.66
May,	"	942.30	5.83	54.94
June,	"	1040.90	5.20	54.13
July,	"	957.90	4.94	47.32
Aug.,	"	929.90	5.37	49.94
Sept.	25, "	637.80	6.08	38.78
	Total	**13314.20**	**5.11 Av.**	**680.87**

Owner's Statement of Feed

Sept.—15 lbs. grain daily of the following mixture: 300 lbs. bran, 200 lbs. each corn meal and gluten, 100 lbs. each ground oats and oil meal, 125 lbs. Ajax Flakes, 150 lbs. cottonseed meal; 30 lbs. ensilage, 10 lbs. hay.

Oct.—Same ration as given in September.

Nov.—15 lbs. grain daily of the following mixture: 300 lbs. bran, 200 lbs. each corn meal, gluten, and cottonseed meal, 80 lbs. ground oats, 125 lbs. Ajax Flakes, 100 lbs. oil meal; 15 lbs. roots, 30 lbs. ensilage, 10 lbs. hay.

Dec.—16 lbs. grain daily same mixture as November; 2 lbs. beet pulp, 30 lbs. ensilage, 10 lbs. hay.

Jan.—Same grain ration as December; 4 lbs. beet pulp, 30 lbs. ensilage, 10 lbs. mixed hay.

Feb.—Same grain ration as December with 20 lbs. ground oats added to mixture; 6 lbs. beet pulp, 30 lbs. ensilage, 10 lbs. hay.

Mar.—16 lbs. grain daily same mixture as February without Ajax Flakes; 6 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.

Apr.—14 lbs. grain daily same mixture as March; 7 lbs. beet pulp, 25 lbs. ensilage, 15 lbs. hay.

May—Same grain ration as April with 100 lbs. Ajax Flakes added to mixture; 5 lbs. beet pulp, 25 lbs. ensilage, and 10 lbs. hay to the 24th, then pasture.

June—8 lbs. grain daily of the following mixture: 300 lbs. bran, 200 lbs. each corn meal, gluten, and cottonseed meal, 100 lbs. oil meal; pasture.

July—10 lbs. grain daily of the following mixture: 100 lbs. corn meal, 300 lbs. Unicorn Dairy Ration; pasture.

Aug.—10 lbs. grain daily of the following mixture: 100 lbs. corn meal, 400 lbs. Unicorn Dairy Ration; pasture.

Sept.—9 lbs. Unicorn Dairy Ration daily; pasture.

Previous Records. First record as a two year old: 7739.00 lbs. milk, 369.40 lbs. butter fat. Second record as a three and one-half year old: 13254.00 lbs. milk, 650.08 lbs. butter fat. Published in Vols. XXVIII. and XXX.

Re-entry 2415 Sunbeam's Dawn 4th 27140

Sire Zac Marshall 9968 A. R.
Sire Jim Marshall 8280 A. R.
Dam Zoe Guernsey 7580.
Dam Sunbeam's Dawn 9467 A. R. 438.
Sire Tricksey's Balboa 2840.
Dam Sunbeam Select 6341.
Breeder Albert C. Loring, Minneapolis, Minn.
Owner Albert C. Loring, Minneapolis, Minn.
Born Mar. 3, 1909. *Calved* Feb. 29, 1916.
Served Sept. 26, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Minnesota Agricultural Experiment Station.

Official Year's Record, Class A

		Milk	Butter Fat	
		lbs.	%	lbs.
Mar.	5, 1916,	1196.50	4.28	51.21
Apr.,	"	1404.10	4.28	60.10
May,	"	1154.60	4.33	49.99
June,	"	1052.60	4.34	45.68
July,	"	929.70	4.31	40.07
Aug.,	"	789.70	4.52	35.69
Sept.,	"	641.00	5.07	32.50
Oct.,	"	473.40	4.85	22.96
Nov.,	"	335.20	4.40	14.75
Dec.,	"	277.50	4.83	13.40
Jan.,	1917,	223.60	4.55	10.17
Feb.,	"	175.30	4.31	7.56
Mar.	4, "	22.80	4.31	.98
	Total	**8676.00**	**4.44 Av.**	**385.06**

Owner's Statement of Feed

Mar.—6 lbs. gradually increased to 12 lbs. grain daily of the following mixture: 300 lbs. bran, 20 lbs. each middlings and gluten, 225 lbs. ground oats, 200 lbs. ground barley, 60 lbs. cottonseed meal, 40 lbs. oil meal; 25 lbs. roots, 40 lbs. ensilage, alfalfa.

Apr.—11 lbs. grain daily: .5 lb. each gluten and cottonseed meal, 1 lb. oil meal, and 9 lbs. same mixture as March; 20 lbs. roots, 35 lbs. ensilage, 6 lbs. hay.

May—Same ration as April to the 10th, then 9 lbs. same mixture with pasture.

June—9 lbs. grain daily same mixture as March; pasture.

July—Same ration as given in June.

Aug.—10.5 lbs. grain daily same mixture as March; green feed and pasture.

Sept.—Same grain ration as August; 20 lbs. green corn, 2 to 4 lbs. hay, pasture.

Oct.—12 lbs. grain daily same mixture as March; ensilage and alfalfa.

Nov.—12 lbs. grain daily of the following mixture: 300 lbs. bran, 20 lbs. each middlings and gluten, 225 lbs. ground oats, 200 lbs. ground barley; ensilage and alfalfa.

Dec.—12 lbs. grain daily of the following mixture: 400 lbs. bran, 100 lbs. middlings, 200 lbs. ground oats, 300 lbs. ground barley, 75 lbs. oil meal; 10 lbs. roots, 30 to 35 lbs. ensilage, 6 to 8 lbs. alfalfa.

Jan.—Same ration as given in December.

Feb.—Same ration as given in December.

Mar.—Same ration as given in December.

Previous record begun as a three and one-half year old: 7281.20 lbs. milk, 354.01 lbs. butter fat. Published in Vol. XXVIII.

Re-entry 2522 La Noce of Riverside Farm 36284

Sire Ambition 11683 A. R.
Sire Imp. May Rose King 8336 A. R.
Dam Amabel 18128.
Dam Hildred M. of Haddon 24331 A. R. 1346.
Sire Glenwood's Combination 8927 A. R.
Dam Hildred M. 17416 A. R. 460.
Breeder Edward Porter May, Framingham, Mass.
Owner G. G. Hartley, Duluth, Minn.
Born Jan. 20, 1911. *Calved* Aug. 5, 1916.
Served Apr. 9, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Minnesota Agricultural Experiment Station.

Official Year's Record, Class A

		Milk	Butter Fat	
		lbs.	%	lbs.
Aug.	7, 1916,	770.40	5.61	43.22
Sept.,	"	1035.40	4.63	47.94
Oct.,	"	1086.10	5.33	57.89
Nov.,	"	950.20	5.16	49.03
Dec.,	"	894.30	5.44	48.65
Jan.,	1917,	897.60	5.11	45.87
Feb.,	"	738.90	5.26	38.87
Mar.,	"	818.70	5.21	42.65
Apr.,	"	832.40	5.51	45.87
May,	"	868.10	5.31	46.10
June,	"	892.60	4.89	43.65
July,	"	792.30	5.03	39.85
Aug.	6, "	148.40	5.03	7.46
	Total	**10725.40**	**5.19 Av.**	**557.05**

Owner's Statement of Feed

Aug.—12 lbs. grain daily of the following mixture: 200 lbs. bran, 150 lbs. each corn meal and Ajax Flakes, 50 lbs. ground oats, 100 lbs. gluten, 75 lbs. oil meal; alfalfa and mixed hay.

Sept.—16 lbs. grain daily, 14 lbs. same mixture as August with 2 lbs. corn meal added; roots, ensilage, alfalfa, and mixed hay.

Oct.—15 lbs. grain daily, 12 lbs. of the following mixture with 3 lbs. corn meal added: 200 lbs. bran, 150 lbs. each corn meal, Ajax Flakes, and gluten, 100 lbs. each ground oats and oil meal; roots, ensilage, alfalfa, and clover hay.

Nov.—Same grain ration as August; roots, ensilage, and hay.

Dec.—15 lbs. grain daily, 12 lbs. same mixture as given in August with 3 lbs. corn meal added; roots, ensilage, and hay.

Jan.—Same ration as given in December.

Feb.—Same ration as given in December.

Mar.—Same ration as given in December.

Apr.—12 lbs. grain daily same mixture as August; roots, ensilage, and clover hay.

May—13 lbs. grain daily same mixture as August; beet pulp, ensilage, and hay.

June—Same grain ration as May; roots, ensilage, and hay.

July—Same grain ration as April; ensilage, clover hay, and pasture.

Aug.—Same ration as given in July.

Previous record begun as a two year old: 8639.90 lbs. milk, 451.71 lbs. butter fat. Published in Vol. XXIX.

Re-entry 2770 Lola Marshall of Woodend 20840

Sire Jim Marshall 8280 A. R.
Sire Pocomoke 6075 A. R.
Dam Mary Marshall 5604 A. R. 15.
Dam Lolita of Darlington 11606 A. R. 181.
Sire Primeval 4812 A. R.
Dam Queen Bess of Whiteside 9831.
Breeder Albert C. Loring, Minneapolis, Minn.
Owner Albert C. Loring, Minneapolis, Minn.
Born Jan. 19, 1906. *Calved* Mar. 8, 1916.
Served Dec. 10, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Minnesota Agricultural Experiment Station.

Official Year's Record, Class A

		Milk	Butter Fat	
		lbs.	%	lbs.
Mar.	15, 1916,	795.20	4.15	33.00
Apr.,	"	1453.60	4.15	60.32
May,	"	1256.20	4.43	55.65
June,	"	1149.10	4.81	55.27
July,	"	967.50	4.37	42.28
Aug.,	"	837.20	4.66	39.01
Sept.,	"	751.00	5.06	38.00
Oct.,	"	673.60	4.75	32.00
Nov.,	"	587.50	5.79	34.02
Dec.,	"	637.30	6.10	38.88
Jan.,	1917,	588.10	5.34	31.40
Feb.,	"	549.60	5.36	29.46
Mar.	14, "	296.10	5.36	15.87
	Total	**10542.00**	**4.79 Av.**	**505.16**

Owner's Statement of Feed

Mar.—6 lbs. grain daily of the following mixture: 300 lbs. bran, 20 lbs. each middlings and gluten, 225 lbs. ground oats, 200 lbs. ground barley, 40 lbs. cottonseed meal; 15 lbs. roots, 35 lbs. ensilage, 6 lbs. hay.

Apr.—9 lbs. grain daily same mixture as March; 25 lbs. roots, 40 lbs. ensilage, 6 to 8 lbs. hay.

May—12 lbs. grain daily same mixture as March to the 9th; ensilage and hay, then 9 lbs. grain daily of 300 lbs. bran, 20 lbs. each middlings and gluten, 225 lbs. ground oats, 200 lbs. ground barley, 60 lbs. cottonseed meal, 40 lbs. oil meal; pasture.

June—9 lbs. grain daily same mixture as last of May; pasture.

July—10.5 lbs. grain daily same mixture as last of May with pasture.

Aug.—Same ration as given in July.

Sept.—12 lbs. grain daily same mixture as last of May; 20 lbs. green corn, 2 to 4 lbs. hay, pasture.

Oct.—12 lbs. grain daily same mixture as last of May; ensilage and alfalfa.

Nov.—12 lbs. grain daily of the following mixture: 300 lbs. bran, 20 lbs. each middlings and gluten, 225 lbs. ground oats, 200 lbs. ground barley; ensilage and alfalfa.

Dec.—12 lbs. grain daily of the following mixture: 400 lbs. bran, 100 lbs. middlings, 200 lbs. ground oats, 300 lbs. ground barley, 50 lbs. oil meal; 10 lbs. roots, 25 lbs. ensilage, 6 to 8 lbs. hay.

Jan.—Same ration as given in December.

Feb.—Same ration as given in December.

Mar.—Same ration as given in December.

Previous record begun at six years and ten months of age: 10200.50 lbs. milk, 500.11 lbs. butter fat. Published in Vol. XXIX.

Re-entry 2978 Glenwood Boy's Buttercup 38488

Sire Ezalia's Glenwood Boy of Ingleside 13544 A. R.
Sire Glenwood Boy of Haddon 4605 A. R.
Dam Ezalia 2d 13029 A. R. 135.
Dam Bell-metal's Buttercup 29629 A. R. 3254.
Sire Bell-metal of Lewison 11881.
Dam Imp. Buttercup II. of the Gron 23237.
Breeder Charles A. Wilkins, Platteville, Wis.
Owner Charles A. Wilkins, Platteville, Wis.
Born Oct. 7, 1911. *Calved* July 22, 1916.
Served Jan. 20, 1917.
Requirement for admission: 353.20 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class B

	Milk	Butter Fat	
	lbs.	%	lbs.
Aug. 1, 1916,	1309.10	4.13	54.07
Sept., "	1220.80	4.29	52.37
Oct., "	1191.70	4.09	48.74
Nov., "	1022.50	4.53	46.32
Dec., "	970.00	4.49	43.55
Jan., 1917,	878.60	4.63	40.68
Feb., "	737.30	4.49	33.10
Mar., "	760.30	4.37	33.23
Apr., "	624.10	4.64	28.96
May, "	528.50	4.59	24.26
June, "	303.30	4.57	13.86
July 31, "	206.00	4.09	8.43
Total	**9752.20**	**4.38 Av.**	**427.57**

Owner's Statement of Feed

Aug.—11 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, and ground oats, 50 lbs. oil meal; 10 lbs. ensilage, alfalfa and pasture.

Sept.—12 lbs. grain daily of equal parts bran, hominy, ground oats, and Ajax Flakes; 28 lbs. ensilage, 5 lbs. alfalfa.

Oct.—14 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, ground oats, and Ajax Flakes, 60 lbs. oil meal; 6 lbs. each mangels and alfalfa, 35 lbs. ensilage, 4 lbs. clover hay.

Nov.—13 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, ground oats, and Ajax Flakes, 50 lbs. oil meal; 6 lbs. each roots and alfalfa, 30 lbs. ensilage, 4 lbs. clover hay.

Dec.—Same grain ration as November; 30 lbs. ensilage, 6 lbs. alfalfa, 4 lbs. clover hay.

Jan.—9 lbs. grain daily of equal parts bran, hominy, and ground oats; 25 lbs. ensilage, alfalfa and clover hay.

Feb.—9 lbs. grain daily of the following mixture: 100 lbs. bran, 75 lbs. Ajax Flakes, 200 lbs. Jersey Dairy Feed, 50 lbs. oil meal; 25 lbs. ensilage, alfalfa and clover hay.

Mar.—9 lbs. grain daily of the following mixture: 100 lbs. each bran, ground corn, and ground oats, 75 lbs. Ajax Flakes, 50 lbs. oil meal; 35 lbs. ensilage, alfalfa and mixed hay.

Apr.—Same ration as given in March.

May—10 lbs. grain daily same mixture as March; same roughage.

June—5 lbs. grain daily of equal parts bran, ground corn, and ground oats; pasture.

July—Same ration as given in June.

Previous record begun as a two year old: 8491.60 lbs. milk, 372.52 lbs. butter fat. Published in Vol. XXIX.

Re-entry 3034 Langwater Francaise 35751

Sire Imp. King of the May 9001 A. R.
Sire Imp. May Rose King 8336 A. R.
Dam Imp. Itchen Daisy 3d 15630 A. R. 100.
Dam Imp. France XIV. 26617 A. R. 1824.
Sire Interest R. G. A. S. 1259 P. S.
Dam Imp. France IX. 16499.
Breeder F. Lothrop Ames, North Easton, Mass.
Owner F. Lothrop Ames, North Easton, Mass.
Sold Oct. 10, 1916 to Frank Graham Thomson, Devon, Pa.
Born Apr. 20, 1911. *Calved* Apr. 25, 1916.
Served Aug. 13, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Massachusetts and Pennsylvania Agricultural Experiment Stations.

Official Year's Record, Class A

	Milk	Butter Fat	
	lbs.	%	lbs.
May 1, 1916,	1515.50	4.58	69.41
June, "	1551.00	4.18	64.83
July, "	1501.60	4.40	66.07
Aug., "	1386.60	4.59	63.64
Sept., "	1256.60	4.58	57.55
Oct.,* "	1036.60	4.51	46.75
Nov., "	1037.40	4.26	44.19
Dec., "	976.90	4.78	46.70
Jan., 1917,	953.20	5.29	50.42
Feb., "	776.00	4.73	36.70
Mar., "	664.10	5.13	34.07
Apr. 30, "	502.00	5.46	27.41
Total	**13157.50**	**4.62 Av.**	**607.74**

*1 day lacking.

Owner's Statement of Feed

May—415 lbs. grain: 73.24 lbs. each bran, ground oats, and gluten, 24.41 lbs. each hominy and alfalfa meal, 48.82 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 186 lbs. beet pulp, 1240 lbs. ensilage, 217 lbs. hay.

June—450 lbs. grain: 79.4 lbs. each bran, ground oats, and Ajax Flakes, 26.55 lbs. each hominy and alfalfa meal, 52.9 lbs. each gluten, cottonseed meal, and oil meal; 180 lbs. beet pulp, 1240 lbs. ensilage, green feed.

July—465 lbs. grain: 82.05 lbs. each bran, ground oats, and Ajax Flakes, 27.36 lbs. each hominy and alfalfa meal, 54.71 lbs. each gluten, cottonseed meal, and oil meal; 186 lbs. roots, 1085 lbs. ensilage, green feed.

Aug.—465 lbs. grain: 87.2 lbs. each bran, ground oats, and Ajax Flakes, 29.1 lbs. hominy, 58.1 lbs. each gluten, cottonseed meal, and oil meal; 186 lbs. beet pulp, 1240 lbs. ensilage, 248 lbs. alfalfa.

Sept.—450 lbs. grain: 84.375 lbs. each bran, ground oats, and Ajax Flakes, 28.125 lbs. hominy, 56.25 lbs. each gluten, cottonseed meal, and oil meal; 150 lbs. beet pulp, 900 lbs. green corn, 240 lbs. alfalfa.

Oct.—285 lbs. grain to the 19th of the following mixture: 300 lbs. each bran, ground oats, and Ajax Flakes, 100 lbs. hominy, 200 lbs. each gluten, cottonseed meal, and oil meal; 760 lbs. ensilage, 152 lbs. hay, then 16 lbs. grain daily of 3 lbs. each bran, Ajax Flakes, and Schumacher Feed, 1 lb. corn meal, and 2 lbs. each gluten, cottonseed meal, and oil meal; 35 lbs. roots, 25 lbs. ensilage, 12 lbs. alfalfa.

Nov.—Same grain ration as last of October; 30 lbs. roots, 20 lbs. ensilage, 10 lbs. alfalfa.

Dec.—15 lbs. grain daily of 3 lbs. each bran, Schumacher Feed, and cottonseed meal and 2 lbs. each corn meal, Ajax Flakes, and oil meal; 20 lbs. each roots and ensilage, 12 lbs. alfalfa.

Jan.—16 lbs. grain daily of 3 lbs. each bran, Schumacher Feed, and cottonseed meal, 2 lbs. each corn meal, Ajax Flakes, and oil meal, and 1 lb. gluten; 20 lbs. each roots and ensilage, 12 lbs. alfalfa.

Feb.—14 lbs. grain daily of 3 lbs. each bran, corn meal, and Schumacher Feed, 1 lb. Ajax Flakes, and 2 lbs. each cottonseed meal and oil meal; 4 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. alfalfa.

Mar.—13 lbs. grain daily of 3 lbs. each bran and Schumacher Feed, 2 lbs. each corn meal, Ajax Flakes, and oil meal, and 1 lb. cottonseed meal; 4 lbs. beet pulp, 15 lbs. ensilage, 10 lbs. alfalfa.

Apr.—13 lbs. grain daily of 3 lbs. each bran, Ajax Flakes, and Schumacher Feed and 2 lbs. each cottonseed meal and oil meal; 3 lbs. beet pulp, 18 lbs. ensilage, 8 lbs. hay.

Previous record begun as a two year old: 11118.20 lbs. milk, 506.83 lbs. butter fat. Published in Vol. XXIX.

Re-entry 3181 Ivy Leaf T. 31009

Sire Wood Ford's Horace 13149.
Sire Glenwood's Main Stay 13th 8909.
Dam Trophy of The Elms 10092.
Dam Rosel T. 17959 A. R. 4436.
Sire Fresco 7207 A. R.
Dam Ottonie 12240.
Breeder E. W. Tillotson, Farmington, Conn.
Owner Albert C. Loring, Minneapolis, Minn.
Born Jan. 25, 1910. *Calved* Mar. 21, 1916.
Served Nov. 25, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Minnesota Agricultural Experiment Station.

Official Year's Record, Class A

	Milk	Butter Fat	
	lbs.	%	lbs.
Mar. 24, 1916,	285.40	5.88	16.78
Apr., "	1203.70	5.88	70.78
May, "	1161.30	5.16	59.92
June, "	1121.40	4.89	54.84
July, "	897.60	5.19	46.59
Aug., "	723.80	4.85	35.10
Sept., "	687.30	6.14	42.20
Oct., "	593.90	5.26	31.24
Nov., "	486.50	5.04	24.52
Dec., "	441.90	6.39	28.24
Jan., 1917,	425.50	6.49	27.61
Feb., "	377.40	5.74	21.66
Mar. 23, "	298.60	6.06	18.10
Total	**8704.30**	**5.49 Av.**	**477.58**

Owner's Statement of Feed

Mar.—6 lbs. grain daily of the following mixture: 300 lbs. bran, 20 lbs. each middlings and gluten, 225 lbs. ground oats, 200 lbs. ground barley, 60 lbs. cottonseed meal, 40 lbs. oil meal; 10 lbs. roots, 30 lbs. ensilage, 6 lbs. hay.

Apr.—Same ration as given in March.

May—Same ration as March to the 10th, then 6 lbs. daily of the following mixture: 300 lbs. bran, 20 lbs. each middlings and gluten, 225 lbs. ground oats, 200 lbs. ground barley, 50 lbs. oil meal; pasture.

June—9 lbs. grain daily same mixture as last of May; pasture.

July—10.5 lbs. grain daily same mixture as last of May; pasture.

Aug.—Same ration as given in July.

Sept.—12 lbs. grain daily same mixture as last of May; 20 lbs. green corn, 2 lbs. hay, pasture.

Oct.—12 lbs. grain daily same mixture as last of May; ensilage and alfalfa.

Nov.—12 lbs. grain daily of the following mixture: 300 lbs. bran, 20 lbs. each middlings and gluten, 225 lbs. ground oats, 200 lbs. ground barley; ensilage and alfalfa.

Dec.—12 lbs. grain daily of the following mixture: 400 lbs. bran, 100 lbs. middlings, 200 lbs. ground oats, 300 lbs. ground barley, 50 lbs. oil meal; 10 lbs. roots, 30 lbs. ensilage, 6 to 8 lbs. alfalfa.

Jan.—Same ration as given in December.

Feb.—Same ration as given in December.

Mar.—10 lbs. grain daily of the following mixture: 80 lbs. bran, 20 lbs. wheat middlings, 30 lbs. ground oats, 60 lbs. ground barley, 10 lbs. oil meal; 25 lbs. ensilage, alfalfa.

Previous record begun as a three and one-half year old: 9551.10 lbs. milk, 463.63 lbs. butter fat. Published in Vol. XXIX.

Re-entry 3319 Imp. Croupette 9th 45936

Sire Maid's Honour 2060 E. G. H. B., R. G. A. S. 2108 P. S., A. R.
Sire Imp. Galaxy's Sequel 16904 A. R.
Dam Imp. Maid of Ashburton 25832.
Dam Imp. Croupette 6th 40620.
Sire Janus 1681 E. G. H. B.
Dam Croupette 4th 6835 E. G. H. B.
Breeder A. H. Wingfield, England.
Owner Alfred L. Lincoln, Norwell, Mass.
Born Sept. 13, 1911. *Calved* June 17, 1916.
Served Mar. 18, 1917.
Requirement for admission: 351.70 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class B

		Milk	Butter Fat	
		lbs.	%	lbs.
June	23, 1916,	298.40	4.10	12.23
July,	"	1577.70	4.10	64.69
Aug.,	"	1520.10	4.20	63.84
Sept.,	"	1386.40	4.63	64.19
Oct.,	"	1407.90	4.82	67.86
Nov.,	"	1255.80	4.91	61.66
Dec.,	"	1073.10	5.56	59.66
Jan.,	1917,	1045.80	5.09	53.23
Feb.,	"	1050.80	4.49	47.18
Mar.,	"	1106.50	4.23	46.80
Apr.,	"	1049.10	4.26	44.69
May,	"	1036.80	5.01	51.94
June	22, "	753.00	4.41	33.21
Total		**14561.40**	**4.61 Av.**	**671.18**

Owner's Statement of Feed

June—15 lbs. grain daily of the following mixture: 30 lbs. each bran and Unicorn Dairy Ration, 10 lbs. each corn meal, gluten, cottonseed meal, and oil meal, 20 lbs. each crushed oats and Brewers' Grains, 40 lbs. Stock Feed; green feed and alfalfa.

July—Same ration as given in June.

Aug.—14 lbs. grain daily same mixture as June; 5 lbs. beet pulp, 10 lbs. beets, 20 lbs. ensilage, 9 lbs. alfalfa and clover hay.

Sept.—Same grain ration as June; 5 lbs. beet pulp, 10 lbs. beets, 20 lbs. ensilage, 9 lbs. alfalfa and clover hay.

Oct.—Same ration as given in September.

Nov.—Same ration as given in September.

Dec.—Same ration as given in September.

Jan.—15 lbs. grain daily of the following mixture: 80 lbs. each bran and Wirthmore Feed, 30 lbs. Ajax Flakes, 10 lbs. each cottonseed meal and O. P. oil meal, 20 lbs. gluten; 10 lbs. beet pulp, 25 lbs. ensilage, 9 lbs. alfalfa and clover hay.

Feb.—Same ration as given in January.

Mar.—Same ration as given in January.

Apr.—Same ration as given in January.

May—Same ration as given in January.

June—Same ration as given in January.

Previous record begun as a two year old: 11450.25 lbs. milk, 519.34 lbs. butter fat. Published in Vol. XXX.

Re-entry 3327 Imp. Ace of Anna Dean Farm 46910

Sire Northern Boy R. G. A. S. 1779 P. S., A. R.
Sire Smilax of the Niaux II. R. G. A. S. 1508 P. S.
Dam Confidence III. R. G. A. S. 4890 P. S.
Dam Lily III. of the Tertre R. G. A. S. 6630 P. S.
Sire Frederick of the Haut Pavé R. G. A. S. 1670 P. S., A. R.
Dam Lily of the Tertre R. G. A. S. 2278 F. S.
Breeder John B. Tostevin, Island of Guernsey.
Owner O. C. Barber, Barberton, Ohio.
Born May 8, 1910. *Calved* July 6, 1916.
Served May 19, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Ohio State University, Columbus, Ohio.

Official Year's Record, Class A

		Milk	Butter Fat	
		lbs.	%	lbs.
July	9, 1916,	892.30	5.00	44.62
Aug.,	"	1147.90	3.92	45.00
Sept.,	"	1149.90	3.75	43.12
Oct.,	"	1058.90	4.08	43.20
Nov.,	"	976.50	4.59	44.82
Dec.,	"	898.20	4.18	37.54
Jan.,	1917,	770.90	4.69	36.16
Feb.,	"	638.80	4.77	30.47
Mar.,	"	677.40	5.03	34.07
Apr.,	"	639.30	5.04	32.22
May,	"	686.50	4.85	33.30
June,	"	603.50	4.71	28.42
July	8, "	158.80	4.71	7.48
Total		**10298.90**	**4.47 Av.**	**460.42**

Owner's Statement of Feed

July—12 lbs. grain daily of the following mixture: 200 lbs. each bran, gluten, and cottonseed meal, 100 lbs. hominy, 250 lbs. each ground oats and Ajax Flakes, 300 lbs. oil meal; 1 lb. beet pulp, 20 lbs. ensilage, alfalfa and oat hay.

Aug.—15 lbs. grain daily of the following mixture: 100 lbs. hominy, 200 lbs. each Ajax Flakes, gluten, and cottonseed meal, 300 lbs. oil meal; 25 lbs. ensilage, 10 lbs. alfalfa.

Sept.—15 lbs. grain daily same mixture as July; 25 lbs. ensilage, 10 lbs. alfalfa.

Oct.—15 lbs. grain daily same mixture as July except ground oats; 22 lbs. ensilage, 25 lbs. hay.

Nov.—15 lbs. grain daily of the following mixture: 300 lbs. each bran and oil meal, 200 lbs. each hominy, gluten, and cottonseed meal, 400 lbs. ground oats; 10 lbs. beets, 20 lbs. ensilage, 8 lbs. hay.

Dec.—15 lbs. grain daily of the following mixture: 300 lbs. each bran and gluten, 200 lbs. each hominy, barley, and cottonseed meal, 400 lbs. each ground oats and oil meal; 25 lbs. ensilage, 8 lbs. alfalfa.

Jan.—15 lbs. grain daily same mixture as November with 200 lbs. barley added; 15 lbs. beets, 25 lbs. ensilage, 8 lbs. alfalfa.

Feb.—Same grain ration as January; 5 lbs. beets, 25 lbs. ensilage, 8 lbs. alfalfa.

Mar.—13.5 lbs. grain daily of the following mixture: 300 lbs. each bran and oil meal, 200 lbs. each middlings, hominy, gluten, and cottonseed meal, 400 lbs. ground oats; 5 lbs. beets, 25 lbs. ensilage, 8 lbs. alfalfa.

Apr.—Same ration as March without middlings in mixture.

May—Same ration as given in April.

June—7.5 lbs. grain daily same mixture as April; 15 lbs. each beets and ensilage, 8 lbs. alfalfa.

July—7 lbs. grain daily of the following mixture: 300 lbs. each bran and oil meal, 200 lbs. each corn meal, gluten, and cottonseed meal, 400 lbs. ground oats; 10 lbs. beets, 25 lbs. ensilage, 8 lbs. alfalfa.

Previous record begun as a three and one-half year old: 12147.60 lbs. milk, 576.28 lbs. butter fat. Published in Vol. XXX.

Re-entry 3388 Dairymaid of Waukesha 38053

Sire King Talladeen of Chestnut Hill 13460 A. R.
Sire Skeezicks 9979 A. R.
Dam Talladeen 17510 A. R. 929.
Dam Glenwood Girl of Waukesha 29640.
Sire Glenwood's Main Stay 6067 A. R.
Dam Essie Jeweller 14265.
Breeder A. W. & F. E. Fox, Waukesha, Wis.
Owner A. W. & F. E. Fox, Waukesha, Wis.
Born Dec. 2, 1911. *Calved* Oct. 16, 1916.
Served July 25, 1917.
Requirement for admission: 355.70 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class B

		Milk	Butter Fat	
		lbs.	%	lbs.
Oct.	21, 1916,	404.80	4.43	17.93
Nov.,	"	1349.10	4.43	59.77
Dec.,	"	1411.60	4.65	65.64
Jan.,	1917,	1257.90	4.84	60.88
Feb.,	"	1033.60	4.96	51.27
Mar.,	"	1055.80	5.12	54.06
Apr.,	"	974.20	5.17	50.37
May,	"	993.10	5.01	49.75
June,	"	952.40	4.84	46.10
July,	"	920.90	5.02	46.23
Aug.,	"	855.00	5.19	44.37
Sept.,	"	828.20	5.29	43.81
Oct.	20, "	521.20	5.66	29.50
Total		**12557.80**	**4.93 Av.**	**619.68**

Owner's Statement of Feed

Oct.—12 lbs. grain daily of 6 lbs. ground oats, 4.5 lbs. D. D. D. Grains, and 1.5 lbs. oil meal; 39 lbs. beet pulp, alfalfa.

Nov.—Same ration as given in October.

Dec.—16.5 lbs. grain daily of 6 lbs. ground oats, 8 lbs. D. D. D. Grains, and 2.5 lbs. oil meal; 38 lbs. mangels, 8 lbs. ensilage, alfalfa and clover hay.

Jan.—16 lbs. grain daily of 3 lbs. bran, 6 lbs. each ground oats and D. D. D. Grains, and 1 lb. oil meal; 36 lbs. beets, 6 lbs. beet pulp, 14 lbs. ensilage, and alfalfa.

Feb.—14 lbs. grain daily of 2 lbs. each bran and oil meal, 4 lbs. ground oats, and 6 lbs. D. D. D. Grains; 32 lbs. beets, 8 lbs. beet pulp, 12 lbs. ensilage, alfalfa.

Mar.—14 lbs. grain daily of 4 lbs. ground oats, 8 lbs. Distillers' Grains, and 2 lbs. oil meal; 32 lbs. mangels, 12 lbs. ensilage, and alfalfa.

Apr.—14 lbs. grain daily of 2 lbs. each bran and oil meal, 4 lbs. ground oats, and 6 lbs. Brewers' Grains; 28 lbs. mangels, 12 lbs. ensilage, and alfalfa.

May—12 lbs. grain daily of 2 lbs. each bran and oil meal and 4 lbs. each ground oats and Brewers' Grains; 28 lbs. mangels, 12 lbs. ensilage, and mixed hay.

June—14 lbs. grain daily of 2 lbs. each bran and oil meal, 4 lbs. ground oats, and 6 lbs. Distillers' Grains; 24 lbs. ensilage, hay.

July—14 lbs. grain daily of 2 lbs. each bran, corn meal, and oil meal and 4 lbs. each ground oats and Distillers' Grains; 24 lbs. ensilage, hay.

Aug.—16 lbs. grain daily of 2 lbs. each bran, Schumacher Feed, and oil meal, 6 lbs. ground oats, and 4 lbs. Big Q Dairy Ration; 2 lbs. molasses, 28 lbs. ensilage, and hay.

Sept.—14 lbs. grain daily of 2 lbs. each bran and oil meal, 6 lbs. ground oats, and 4 lbs. Unicorn Dairy Ration; 24 lbs. mangels, 16 lbs. ensilage, and hay.

Oct.—12 lbs. grain daily of 2 lbs. each bran and oil meal and 4 lbs. each ground oats and Unicorn Dairy Ration; 32 lbs. mangels, 12 lbs. ensilage, and hay.

Previous record begun as a two year old: 7064.70 lbs. milk, 349.87 lbs. butter fat. Published in Vol. XXX.

Re-entry 3555 Ramée of Summerdale 38995

Sire Celosia's Sequel 14514.
Sire Imp. Ramée's Sequel 10463 A. R.
Dam Celosia 11129 A. R. 540.
Dam Ramée's Merisan 26979.
Sire Imp. Ramée's Sequel 10463 A. R.
Dam Merisan 18997 A. R. 706.
Breeder Friends' Asylum for the Insane, Frankford, Pa.
Owner George C. Stone, Twig, Minn.
Born Sept. 26, 1911. *Calved* Aug. 29, 1916.
Served Mar. 4, 1917.
Requirement for admission: 357.50 lbs. butter fat.
Supervised by Minnesota Agricultural Experiment Station.

Official Year's Record, Class B

		Milk	Butter Fat	
		lbs.	%	lbs.
Sept.	2, 1916,	1089.40	4.80	52.29
Oct.,	"	1299.00	5.10	66.25
Nov.,	"	1128.40	5.24	59.13
Dec.,	"	1085.30	5.15	55.89
Jan.,	1917,	1013.10	5.37	54.40
Feb.,	"	845.30	5.71	48.27
Mar.,	"	908.80	4.98	45.26
Apr.,	"	877.70	4.99	43.80
May,	"	889.90	5.38	47.88
June,	"	898.20	4.69	42.13
July,	"	847.30	5.18	43.89
Aug.,	"	696.20	5.92	41.22
Sept.	1, "	23.60	5.92	1.40
Total		**11602.20**	**5.19 Av.**	**601.81**

Owner's Statement of Feed

Sept.—9 lbs. grain daily of the following mixture: 100 lbs. each bran and hominy, 50 lbs. each ground oats, gluten, cottonseed meal, and oil meal, 125 lbs. Ajax Flakes; 20 lbs. roots, 25 lbs. ensilage, 10 lbs. mixed hay.

Oct.—14 lbs. grain daily of the following mixture: 100 lbs. each bran and hominy, 40 lbs. ground oats, 125 lbs. Ajax Flakes, 75 lbs. Brewers' Grains, 50 lbs. each gluten, cottonseed meal, and oil meal; 30 lbs. roots, 20 lbs. ensilage, clover and timothy hay.

Nov.—Same ration as given in October.

Dec.—12.5 lbs. grain daily of the following mixture: 100 lbs. each bran, Ajax Flakes, and Brewers' Grains, 150 lbs. hominy, 75 lbs. gluten, 50 lbs. oil meal, 35 lbs. peanuts; roots, ensilage, and clover hay.

Jan.—Same ration as given in December.

Feb.—12 lbs. grain daily of the following mixture: 100 lbs. each bran and Ajax Flakes, 75 lbs. gluten, 35 lbs. cottonseed meal, 50 lbs. oil meal; roots, ensilage, and alfalfa.

Mar.—Same ration as given in February.

Apr.—10.5 lbs. grain daily of the following mixture: 100 lbs. each bran and hominy, 50 lbs. each ground oats, gluten, and oil meal, 125 lbs. Ajax Flakes; 1 lb. beet pulp, 20 lbs. roots, clover hay.

May—Same ration as given in April.

June—11 lbs. grain daily of the following mixture: 350 lbs. each bran and Ajax Flakes, 200 lbs. each hominy and Douglas gluten, 75 lbs. each ground oats and O. P. oil meal; 3.5 lbs. beet pulp, alfalfa.

July—Same ration as given in June.

Aug.—8 lbs. grain daily of the following mixture: 200 lbs. each bran and Brewers' Grains, 100 lbs. hominy, 50 lbs. each ground oats, gluten, and oil meal; clover hay.

Sept.—Same ration as given in August.

Previous Records. First record as a two year old: 8824.00 lbs. milk, 485.78 lbs. butter fat. Second record as a three and one-half year old: 9842.00 lbs. milk, 516.24 lbs. butter fat. Published in Vols. XXX. and XXXI.

Re-entry 3564 Miss Sunset 37107

Sire Old Glory 11188 A. R.
Sire Rinaldo 8917 A. R.
Dam Standard's Morning Glory 12801 A. R. 358.
Dam Early Morn 22081 A. R. 1736.
Sire General Blucher 5893 A. R.
Dam Morn 5947 A. R. 343.
Breeder Helendale Farms, Milwaukee, Wis.
Owner Helendale Farms, Milwaukee, Wis.
Born May 10, 1911. *Calved* Sept. 28, 1916.
Served Aug. 6, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class A

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Oct.	2, 1916,	1280.40	4.57	58.51
Nov.,	"	1194.00	4.94	58.98
Dec.,	"	1154.00	4.73	54.58
Jan.,	1917,	1152.60	4.67	53.83
Feb.,	"	953.50	4.76	45.39
Mar.,	"	1000.90	5.16	51.65
Apr.,	"	1009.60	5.22	52.70
May,	"	1087.50	4.82	52.42
June,	"	1122.10	4.88	54.76
July,	"	1046.20	5.48	57.33
Aug.,	"	965.70	5.28	50.99
Sept.,	"	796.80	4.96	39.52
Oct.	1, "	27.00	4.96	1.34
Total		**12790.30**	**4.94 Av.**	**632.00**

Owner's Statement of Feed

Oct.—14 lbs. grain daily of 2.8 lbs. ground oats, 1.4 lbs. ground barley, 3.5 lbs. Ajax Flakes, 5.6 lbs. ground clover and alfalfa, and .7 lb. oil meal; 4 lbs. beet pulp, 35 lbs. ensilage, mixed clover and alfalfa hay.

Nov.—10 lbs. grain daily of 1 lb. each ground oats and ground barley, 2.5 lbs. Ajax Flakes, 5 lbs. ground clover and alfalfa, and .5 lb. oil meal; 3 lbs. beet pulp, 30 lbs. ensilage, mixed clover and timothy hay.

Dec.—10 lbs. grain daily of 2 lbs. ground oats, 1 lb. ground barley, 2.5 lbs. Ajax Flakes, 4 lbs. ground clover and alfalfa, and .5 lb. oil meal; 4 lbs. beet pulp, 30 lbs. ensilage, mixed clover and alfalfa hay.

Jan.—9.75 lbs. grain daily of 1 lb. each ground oats and ground barley, 2.25 lbs. Ajax Flakes, 5 lbs. ground clover and alfalfa, and .5 lb. oil meal; 5 lbs. beet pulp, 30 lbs. ensilage, mixed clover and alfalfa hay.

Feb.—10 lbs. grain daily of 1 lb. each ground oats, ground barley, and gluten, 3 lbs. Ajax Flakes, and 4 lbs. ground clover and alfalfa; 4 lbs. beet pulp, 30 lbs. ensilage, mixed clover and timothy hay.

Mar.—12 lbs. grain daily of 1.2 lbs. each ground oats, ground barley, and gluten, 3.6 lbs. Ajax Flakes, 4.8 lbs. ground clover; 5 lbs. beet pulp, 30 lbs. ensilage, mixed clover and timothy hay.

Apr.—Same grain ration as February; 5 lbs. beet pulp, 35 lbs. ensilage, mixed clover and timothy hay.

May—Same grain ration as February; 2 lbs. beet pulp, 25 lbs. ensilage, mixed clover and timothy hay.

June—9 lbs. grain daily of .9 lb. each ground oats, ground barley, and gluten, 2.7 lbs. Ajax Flakes, and 3.6 lbs. ground hay; clover and blue grass pasture.

July—10 lbs. grain daily of 2 lbs. ground oats, 3 lbs. Ajax Flakes, 1 lb. gluten, and 4 lbs. ground clover; clover and blue grass pasture.

Aug.—Same ration as given in July.

Sept.—12 lbs. grain daily of 2.4 lbs. each ground oats and ground barley, 6 lbs. ground clover and alfalfa, and 1.2 lbs. oil meal; alfalfa and clover hay with clover pasture.

Oct.—Same ration as given in September.

Previous record begun as a two and one-half year old: 10638.50 lbs. milk, 501.90 lbs. butter fat. Published in Vol. XXX.

Re-entry 3617 Imp. Queen Elizabeth of the Isle 44717

Sire Daisy's Sequel of the Roque Balan R. G. A. S. 2458 P. S.
Sire Imp. Fanny's Sequel 19563 A. R.
Dam Daisy III. of Roque Balan R. G. A. S. 2841 F. S.
Dam Queen Elizabeth II. R. G. A. S. 11255 P. S.
Sire Romulus XIV. R. G. A. S. 343 F. S., A. R.
Dam Queen Elizabeth R. G. A. S. 3653 F. S.
Breeder H. Du Port, Island of Guernsey.
Owner Henry W. Leeds, Westville, N. J.
Born Jan. 6, 1912. *Calved* Aug. 25, 1916.
Served May 24, 1917.
Requirement for admission: 348.40 lbs. butter fat.
Supervised by New Jersey Agricultural Experiment Station.

Official Year's Record, Class B

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Sept.	13, 1916,	605.40	4.85	29.36
Oct.,	"	964.50	4.89	47.16
Nov.,	"	823.40	4.90	40.35
Dec.,	"	793.90	5.51	43.74
Jan.,	1917,	744.10	5.55	41.30
Feb.,	"	650.10	5.71	37.12
Mar.,	"	709.20	5.16	36.59
Apr.,	"	604.70	5.05	30.54
May,	"	669.00	5.10	34.12
June,	"	587.20	5.01	29.42
July,	"	506.20	5.21	26.37
Aug.,	"	454.10	5.16	23.43
Sept.	12, "	175.70	5.16	9.07
Total		**8287.50**	**5.17 Av.**	**428.57**

Owner's Statement of Feed

Sept.—10 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, gluten, and linseed meal, 250 lbs. Ajax Flakes, 50 lbs. cottonseed meal; 10 lbs. each ensilage and alfalfa.

Oct.—12 lbs. Union Grains daily; 2 lbs. beet pulp, 15 lbs. ensilage, 8 lbs. alfalfa.

Nov.—Same grain ration as October; 20 lbs. roots from the 25th, 25 lbs. ensilage, 8 lbs. alfalfa.

Dec.—10 lbs. Union Grains daily; 30 lbs. roots, 25 lbs. ensilage, 8 lbs. alfalfa.

Jan.—10 lbs. grain daily of the following mixture: 100 lbs. each bran and cottonseed meal, 400 lbs. corn meal, 250 lbs. Ajax Flakes; 20 lbs. roots, 15 lbs. ensilage, 10 lbs. alfalfa.

Feb.—9 lbs. Union Grains daily; 20 lbs. beets, 10 lbs. ensilage, 8 lbs. alfalfa.

Mar.—14 lbs. grain daily of 4 lbs. corn meal and 10 lbs. Union Grains; 10 lbs. ensilage, 8 lbs. alfalfa.

Apr.—Same ration as given in March.

May—Same ration as given in March.

June—6 lbs. Union Grains daily; green feed and pasture.

July—10 lbs. grain daily of 1 lb. each bran and corn meal, 8 lbs. Union Grains; green corn and pasture.

Aug.—11 lbs. grain daily of 3 lbs. corn meal and 8 lbs. Union Grains; green feed, alfalfa, and pasture.

Sept.—8 lbs. Union Grains daily; green feed and pasture.

Previous Records. First record as a two year old: 7422.50 lbs. milk, 395.30 lbs. butter fat. Second record as a three year old: 6269.60 lbs. milk, 337.16 lbs. butter fat. Published in Vols. XXX. and XXXI.

Re-entry 3775 Daisy of Oakwood 49838

Sire Rosette's Marshall 12236 A. R.
Sire Marshall of France 9051 A. R.
Dam Imp. Rosette of the Gron I. 18538 A. R. 1005.
Dam Imp. Daisy of Melrose Farm 23492.
Sire Cocot R. G. A. S. 1725 P. S.
Dam Polly I. of the Mill R. G. A. S. 2750 F. S.
Breeder W. Henry Bell, Scotts Station, Ky.
Owner W. Henry Bell, Scotts Station, Ky.
Born Mar. 20, 1911. *Calved* May 16, 1916.
Served Oct. 9, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised under one day test by Kentucky Agricultural Experiment Station.

Official Year's Record, Class A

		Milk lbs.	Butter Fat %	Butter Fat lbs.
May	21, 1916,	488.10	4.53	22.11
June,	"	1330.40	4.53	60.27
July,	"	1198.40	5.16	61.84
Aug.,	"	1031.20	5.00	51.56
Sept.,	"	864.40	5.21	45.04
Oct.,	"	651.70	5.82	37.93
Nov.,	"	463.00	6.44	29.82
Dec.,	"	385.90	5.70	22.00
Jan.,	1917,	352.60	5.81	20.49
Feb.,	"	310.90	5.83	18.13
Mar.,	"	342.10	6.53	22.34
Apr.,	"	255.50	6.83	17.45
May	20, "	106.80	6.52	6.96
Total		**7781.00**	**5.35 Av.**	**415.94**

Owner's Statement of Feed

May—9 lbs. Union Grains daily; pasture.

June—9 lbs. Union Grains daily to the 19th, then 9.5 lbs. of 8.5 lbs. bran and 1 lb. cottonseed meal; pasture.

July—9 lbs. grain daily to the 9th of 8 lbs. bran and 1 lb. cottonseed meal, then 10 lbs. of 9 lbs. Union Grains and 1 lb. cottonseed meal; pasture.

Aug.—10 lbs. grain daily to the 14th of 9 lbs. Union Grains and 1 lb. cottonseed meal, then 11 lbs. of 4 lbs. ground corn and oats, 5 lbs. Arcady Dairy Feed, and 1 lb. each cottonseed meal and oil meal; pasture.

Sept.—10 lbs. grain daily, to the 19th of 8 lbs. Arcady Dairy Feed and 1 lb. each cottonseed meal and oil meal, then of 8 lbs. Distillers' Grains and 1 lb. each cottonseed meal and oil meal; pasture.

Oct.—9 lbs. grain daily, 8.5 lbs. of 1 part each ground corn and oats and 2 parts Brewers' Grains with .5 lb. cottonseed meal added; ensilage and hay.

Nov.—7.5 lbs. grain daily, 7 lbs. same mixture as October with .5 lb. cottonseed meal added; same roughage.

Dec.—Same ration as given in November.

Jan.—8 lbs. grain daily, 7 lbs. same mixture as October with 1 lb. cottonseed meal added; hay and ensilage.

Feb.—8.5 lbs. grain daily, 7 lbs. of 1 part each ground corn and oats and 2 parts Brewers' Grains with 1 lb. cottonseed meal and .5 lb. oil meal added; ensilage and hay.

Mar.—9 lbs. grain daily of 8 lbs. ground corn and oats and 1 lb. cottonseed meal; ensilage and hay.

Apr.—7 lbs. grain daily of 6 lbs. equal parts ground corn and oats and 1 lb. cottonseed meal; pasture.

May—Pasture.

Previous record begun as a three year old: 8303.70 lbs. milk, 462.28 lbs. butter fat. Published in Vol. XXX.

Re-entry 3841 Helene of Iowa 40447

Sire Dairymaid's Pride of Iowa 14941 A. R.
Sire Stranford's Glenwood of Pinehurst 13609 A. R.
Dam Dairymaid of Pinehurst 24656 A. R. 843.
Dam Imp. Miss Jeannette III. 37735 A. R. 2105.
Sire Imp. Lord Mar 14359 A. R.
Dam Lady Jeannette XIX. R. G. A. S. 4582 P. S.
Breeder W. W. Marsh, Waterloo, Iowa.
Owner W. W. Marsh, Waterloo, Iowa.
Sold Oct. 2, 1916 to Fred K. Babson, Hinsdale, Ill.
Born Mar. 19, 1912. *Calved* Feb. 14, 1916.
Served Feb. 10, 1917.
Requirement for admission: 320.30 lbs. butter fat.
Supervised by Iowa and Illinois Agricultural Experiment Stations.

Official Year's Record, Class D

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Feb.	16, 1916,	553.20	4.71	26.06
Mar.,	"	1325.20	3.93	52.08
Apr.,	"	1087.40	4.57	49.69
May,	"	1060.30	4.55	48.24
June,	"	897.50	4.45	39.94
July,	"	835.60	5.21	43.53
Aug.,	"	787.40	5.41	42.60
Sept.,	"	695.00	5.55	38.57
Oct.,*	"	504.60	5.51	27.80
Nov.,	"	554.70	5.59	31.01
Dec.,	"	649.00	5.52	35.82
Jan.,	1917,	644.60	5.67	36.55
Feb.	15, "	288.90	5.67	16.38
Total		**9883.40**	**4.94 Av.**	**488.27**

*1 day lacking.

Owner's Statement of Feed

Feb.—6 lbs. grain daily of .5 lb. each bran, hominy, Schumacher Feed, and cottonseed meal, 1.5 lbs. Ajax Flakes, and 2.5 lbs. ground oats; 15 lbs. each beets and hay.

Mar.—12 lbs. grain daily of 2 lbs. each bran, oats, and Schumacher Feed, 1 lb. each corn and hominy, 2.5 lbs. Ajax Flakes, and .5 lb. each gluten, cottonseed meal, and oil meal; 4 lbs. each beet pulp and beets, 10 lbs. each ensilage and hay.

Apr.—10 lbs. grain daily of 2 lbs. each bran, Ajax Flakes, and Schumacher Feed, 1 lb. each hominy, oats, gluten, and oil meal; 2 lbs. beet pulp, 8 lbs. ensilage, 10 lbs. alfalfa.

May—Same ration as given in April.

June—8 lbs. grain daily of 1 lb. each bran, Schumacher Feed, and cottonseed meal, 2 lbs. oats, .5 lb. each hominy, gluten, and oil meal, 1.5 lbs. Ajax Flakes; 12 lbs. clover and timothy hay, 2 hours pasture.

July—9 lbs. grain daily of 3 lbs. each bran and oats, 1 lb. each Ajax Flakes, Schumacher Feed, and oil meal; green peas and oats, 3 lbs. mixed hay.

Aug.—Same ration as given in July.

Sept.—8 lbs. grain daily of 2 lbs. bran, 1 lb. each hominy, oats, Ajax Flakes, Schumacher Feed, oat meal, and oil meal; green corn, 10 lbs. clover hay.

Oct.—8 lbs. grain daily to the 3d of 2 lbs. bran, 1 lb. each hominy, oats, Ajax Flakes, Schumacher Feed, cottonseed meal, and oil meal; then 11 lbs. of equal parts bran, corn, oats, shorts, Ajax Flakes, and oil meal; green corn and clover hay.

Nov.—11 lbs. grain daily of equal parts bran, corn, oats, Empire Dairy Feed, and oil meal; 25 lbs. ensilage, 12 lbs. alfalfa.

Dec.—Same grain ration as November; 3 lbs. beet pulp, 20 lbs. ensilage, 8 lbs. alfalfa.

Jan.—11 lbs. grain daily of the following mixture: 100 lbs. each bran, corn, oats, Empire Dairy Feed, and beet pulp, 50 lbs. oil meal; 3 lbs. beet pulp, 25 lbs. ensilage, 8 lbs. hay.

Feb.—Same grain ration as January; 2 lbs. beet pulp, 25 lbs. ensilage, 8 lbs. alfalfa.

Previous record begun as a two year old: 8251.70 lbs. milk, 428.33 lbs. butter fat. Published in Vol. XXX.

Re-entry 4015 Neronic 43595

Sire Ne Plus Ultra 15265 A. R.
Sire Dolly Dimple's May King of Langwater 12997 A. R.
Dam Imp. Itchen Daisy 3d 15630 A. R. 100.
Dam Chronicle 2d 33987 A. R. 2547.
Sire Couleur's Sheet Anchor 13499 A. R.
Dam Imp. Chronicle 19555 A. R. 1403.
Breeder J. L. Hope, Madison, N. J.
Owner George C. Stone, Twig, Minn.
Born Aug. 23, 1912. *Calved* July 20, 1916.
Served Jan. 16, 1917.
Requirement for admission: 320.40 lbs. butter fat.
Supervised by Minnesota Agricultural Experiment Station.

Official Year's Record, Class D

		Milk	Butter Fat	
		lbs.	%	lbs.
July	24, 1916,	275.20	4.62	12.71
Aug.,	"	1116.00	4.11	45.87
Sept.,	"	837.60	4.65	38.95
Oct.,	"	1067.30	4.20	44.83
Nov.,	"	1002.60	4.80	48.12
Dec.,	"	902.60	5.13	46.30
Jan.,	1917,	833.20	4.88	40.66
Feb.,	"	677.30	4.92	33.32
Mar.,	"	747.00	4.98	37.20
Apr.,	"	717.40	4.54	32.57
May,	"	679.20	4.93	33.48
June,	"	629.40	4.60	28.95
July	23, "	395.10	4.60	18.17
	Total	**9879.90**	**4.67 Av.**	**461.13**

Owner's Statement of Feed

July—6 lbs. grain daily of the following mixture: 150 lbs. bran, 100 lbs. hominy, 50 lbs. each ground oats, gluten, cottonseed meal, and oil meal, 125 lbs. Ajax Flakes; green clover, rye and peas, clover and timothy hay.

Aug.—12 lbs. grain daily same mixture as July; green clover and mixed hay.

Sept.—11 lbs. grain daily of the following mixture: 100 lbs. each bran and hominy, 50 lbs. each ground oats, gluten, cottonseed meal, and oil meal, 125 lbs. Ajax Flakes; 15 lbs. ensilage, 9 lbs. mixed hay.

Oct.—12 lbs. grain daily of the following mixture: 100 lbs. each bran and hominy, 40 lbs. ground oats, 125 lbs. Ajax Flakes, 75 lbs. Brewers' Grains, 50 lbs. each gluten, cottonseed meal, and oil meal; 20 lbs. each roots and ensilage, clover and timothy hay.

Nov.—Same ration as given in October.

Dec.—9.5 lbs. grain daily of the following mixture: 100 lbs. each bran, Ajax Flakes, and Brewers' Grains, 150 lbs. hominy, 75 lbs. gluten, 50 lbs. oil meal, 35 lbs. peanut meal; roots, ensilage, and clover hay.

Jan.—Same ration as given in December.

Feb.—9.5 lbs. grain daily of the following mixture: 100 lbs. each bran and Ajax Flakes, 75 lbs. gluten, 35 lbs. cottonseed meal, 50 lbs. oil meal; roots, ensilage, and alfalfa.

Mar.—Same ration as given in February.

Apr.—8.5 lbs. grain daily of the following mixture: 100 lbs. each bran and hominy, 50 lbs. each ground oats, gluten, and oil meal, 125 lbs. Ajax Flakes; 2 lbs. beet pulp, clover hay.

May—Same ration as given in April.

June—8.5 lbs. grain daily of the following mixture: 350 lbs. each bran and Ajax Flakes, 200 lbs. each hominy and Douglas gluten, 75 lbs. each ground oats and O. P. oil meal; 3 lbs. beet pulp, alfalfa.

July—Same ration as given in June.

Previous record begun as a two year old: 10273.70 lbs. milk, 491.15 lbs. butter fat. Published in Vol. XXXI.

Re-entry 4054 Imp. Charmante's Beauty II. 49531

Sire Governor of the Chêne R. G. A. S. 1297 P. S., A. R.
Sire Compact R. G. A. S. 1076 P. S.
Dam Richesse du Chêne VIII. R. G. A. S. 4004 P. S.
Dam Charmante's Beauty R. G. A. S. 8046 P. S.
Sire Golden Noble II. R. G. A. S. 1836 P. S., A. R.
Dam Charmante VII. R. G. A. S. 4383 P. S.
Breeder John Bourgaise, Island of Guernsey.
Owner Albert C. Loring, Minneapolis, Minn.
Born Aug. 22, 1912. *Calved* Mar. 13, 1916.
Requirement for admission: 307.50 lbs. butter fat.
Supervised by Minnesota Agricultural Experiment Station.

Official Year's Record, Class D

		Milk	Butter Fat	
		lbs.	%	lbs.
Mar.	16, 1916,	602.60	4.81	28.99
Apr.,	"	1293.10	4.81	62.20
May,	"	1179.80	4.53	53.44
June,	"	1093.50	4.66	50.96
July,	"	910.00	4.34	39.49
Aug.,	"	713.70	4.87	34.76
Sept.,	"	666.40	5.28	35.19
Oct.,	"	624.30	5.55	34.65
Nov.,	"	633.50	5.88	37.25
Dec.,	"	667.70	5.66	37.79
Jan.,	1917,	683.10	5.43	37.09
Feb.,	"	654.40	5.18	33.90
Mar.	15, "	385.30	5.18	19.96
	Total	**10107.40**	**5.00 Av.**	**505.67**

Owner's Statement of Feed

Mar.—6 lbs. grain daily of the following mixture: 300 lbs. bran, 20 lbs. each middlings and gluten, 225 lbs. ground oats, 200 lbs. ground barley, 40 lbs. cottonseed meal; 10 lbs. roots, 35 lbs. ensilage, 4 to 6 lbs. hay.

Apr.—Same ration as given in March.

May—Same ration as March to the 9th, then 6 lbs. of the following mixture: 300 lbs. bran, 20 lbs. each middlings and gluten, 225 lbs. ground oats, 200 lbs. ground barley, 50 lbs oil meal; pasture.

June—6 lbs. grain daily same mixture as last of May pasture.

July—7.5 lbs. grain daily same mixture as last of May; pasture.

Aug.—9 lbs. grain daily same mixture as last of May; pasture.

Sept.—10.5 lbs. grain daily same mixture as last of May; 20 lbs. green corn, 3 to 4 lbs. hay, pasture.

Oct.—Same grain ration as September; ensilage and alfalfa.

Nov.—12 lbs. grain daily of the following mixture: 300 lbs. bran, 20 lbs. each middlings and gluten, 225 lbs. ground oats, 200 lbs. ground barley; ensilage and alfalfa.

Dec.—10.5 lbs. grain daily of the following mixture: 400 lbs. bran, 100 lbs. middlings, 200 lbs. ground oats, 300 lbs. ground barley, 50 lbs. oil meal; 10 lbs. roots, 30 lbs. ensilage, 8 to 10 lbs. alfalfa.

Jan.—Same grain ration as December; 10 lbs. roots, 25 lbs. ensilage, 6 to 8 lbs. mixed hay.

Feb.—Same ration as given in January.

Mar.—Same ration as given in January.

Previous record begun as a two year old: 9092.70 lbs. milk, 437.17 lbs. butter fat. Published in Vol. XXXI.

Re-entry 4090 Imp. Sequel's Dolly of the Vrangue 43914

Sire Imp. Clara's Sequel 29414 A. R.
Sire Imp. Sequel's Monogram 15649 A. R.
Dam Clara XVI. of the Rouvets R. G. A. S. 5476 P. S.
Dam Ogier's Dolly I. R. G. A. S. 6465 P. S.
Sire Iagoo R. G. A. S. 1543 P. S.
Dam Ogier's Dolly R. G. A. S. 6464 P. S.
Breeder John Sherwill, Island of Guernsey.
Owner George C. Stone, Twig, Minn.
Born June 8, 1912. *Calved* July 26, 1916.
Served Feb. 17, 1917.
Requirement for admission: 328.50 lbs. butter fat.
Supervised by Minnesota Agricultural Experiment Station.

Official Year's Record, Class C

		Milk	Butter Fat	
		lbs.	%	lbs.
July	29, 1916,	99.40	4.29	4.26
Aug.,	"	1232.70	4.29	52.88
Sept.,	"	1150.90	5.18	59.62
Oct.,	"	1162.60	5.07	58.94
Nov.,	"	1027.40	5.41	55.58
Dec.,	"	957.60	5.73	54.87
Jan.,	1917,	833.30	5.35	44.58
Feb.,	"	758.80	5.29	40.14
Mar.,	"	806.00	5.46	44.01
Apr.,	"	743.90	5.57	41.44
May,	"	665.00	5.49	36.51
June,	"	638.50	5.32	33.97
July	28, "	556.80	5.26	29.29
	Total	**10632.90**	**5.23 Av.**	**556.09**

Owner's Statement of Feed

July—6 lbs. grain daily of the following mixture: 150 lbs. bran, 100 lbs. hominy, 50 lbs. each ground oats, gluten, cottonseed meal, and oil meal, 125 lbs. Ajax Flakes; green clover to the 20th then rye and peas, mixed hay.

Aug.—12.5 lbs. grain daily same mixture as July; green clover and mixed hay.

Sept.—13.5 lbs. grain daily of the following mixture: 100 lbs. each bran and hominy, 50 lbs. each ground oats, gluten, cottonseed meal, and oil meal, 125 lbs. Ajax Flakes; 20 lbs. each roots and ensilage, 9 lbs. mixed hay.

Oct.—13 lbs. grain daily of the following mixture: 100 lbs. each bran and hominy, 40 lbs. ground oats, 125 lbs. Ajax Flakes, 75 lbs. Brewers' Grains, 50 lbs. each gluten, cottonseed meal, and oil meal; 25 lbs. roots, 20 lbs. ensilage, clover and timothy hay.

Nov.—Same ration as given in October.

Dec.—12 lbs. grain daily of the following mixture: 100 lbs. each bran, Ajax Flakes, and Brewers' Grains, 150 lbs. hominy, 75 lbs. gluten, 50 lbs. oil meal, 35 lbs. peanut meal; roots, ensilage, and clover hay.

Jan.—Same ration as given in December.

Feb.—11.5 lbs. grain daily of the following mixture: 100 lbs. each bran and Ajax Flakes, 75 lbs. gluten, 35 lbs. cottonseed meal, 50 lbs. oil meal; 2 lbs. beet pulp, roots, ensilage, and alfalfa.

Mar.—Same ration as given in February.

Apr.—8.5 lbs. grain daily of the following mixture: 100 lbs. each bran and hominy, 50 lbs. each ground oats, gluten, and oil meal, 125 lbs. Ajax Flakes; 3 lbs. beet pulp, clover hay.

May—Same ration as given in April.

June—9.5 lbs. grain daily of the following mixture: 350 lbs. each bran and Ajax Flakes, 200 lbs. each hominy and Douglas gluten, 75 lbs. each ground oats and O. P. oil meal; 3 lbs. beet pulp, alfalfa.

July—Same ration as given in June.

Previous record begun as a two year old: 9785.20 lbs. milk, 533.47 lbs. butter fat. Published in Vol. XXXI.

Re-entry 4168 Royal's Flower of Thorn Hill 41655

Sire Jewel's Royal Combination of Wawa 15655 A. R.
Sire Imp. France's Jewel V. 11396 A. R.
Dam Jewel of Haddon 11259 A. R. 92.
Dam Bloomfield Fleurie 22342 A. R. 1833.
Sire Imp. France's Jewel VII. 10564 A. R.
Dam Imp. Fleurie IX. 19676.
Breeder August Ziesing, Deerfield, Ill.
Owner August Ziesing, Deerfield, Ill.
Born Aug. 6, 1912. *Calved* Sept. 15, 1916.
Served Feb. 18, 1917.
Requirement for admission: 327.90 lbs. butter fat.
Supervised by Illinois Agricultural Experiment Station.

Official Year's Record, Class C

		Milk	Butter Fat	
		lbs.	%	lbs.
Sept.	20, 1916,	362.00	5.38	19.48
Oct.,	"	1167.00	5.38	62.78
Nov.,	"	1059.60	5.56	58.91
Dec.,	"	1104.20	5.72	63.16
Jan.,	1917,	1024.80	5.76	59.03
Feb.,	"	887.80	6.21	55.13
Mar.,	"	903.10	6.25	56.44
Apr.,	"	891.30	5.84	52.05
May,	"	912.80	5.53	50.48
June,	"	801.60	5.61	44.97
July,	"	761.10	5.38	40.95
Aug.,	"	700.10	5.87	41.10
Sept.	19, "	383.40	5.91	22.66
	Total	**10958.80**	**5.72 Av.**	**627.14**

Owner's Statement of Feed

Sept.—7 lbs. grain daily of the following mixture: 50 lbs. each bran, corn meal, and linseed meal, 160 lbs. Ajax Flakes, 25 lbs. cottonseed meal, 100 lbs. beet pulp; green corn, clover hay, and pasture.

Oct.—12 lbs. grain daily same mixture as September; 25 lbs. ensilage, alfalfa and clover hay.

Nov.—Same ration as given in October.

Dec.—12 lbs. grain daily of the following mixture: 50 lbs. each bran, corn meal, ground oats, cottonseed meal, linseed meal, and beet pulp, 180 lbs. Ajax Flakes; 25 lbs. ensilage, alfalfa and clover hay.

Jan.—11 lbs. grain daily same mixture as December without beet pulp; same roughage.

Feb.—Same ration as given in January.

Mar.—Same ration as given in January.

Apr.—10 lbs. grain daily of the following mixture: 75 lbs. bran, 50 lbs. each corn meal, ground oats, cottonseed meal, and oil meal, 180 lbs. Unicorn Dairy Ration; 25 lbs. ensilage, 10 lbs. each alfalfa and clover hay.

May—1 lb. grain daily of the following mixture to each 3 lbs. milk: 50 lbs. each bran, corn meal, ground oats, cottonseed meal, oil meal, and beet pulp, 180 lbs. Unicorn Dairy Ration; 25 lbs. ensilage, 10 lbs. each alfalfa and clover hay to the 17th then clover and blue grass pasture.

June—Same grain ration as May; clover and blue grass pasture.

July—1 lb. grain daily of the following mixture to each 3 lbs. milk: 75 lbs. bran, 50 lbs. each corn meal, ground oats, cottonseed meal, oil meal, and beet pulp, 180 lbs. Unicorn Dairy Ration; clover hay and pasture.

Aug.—Same ration as given in July.

Sept.—1 lb. grain daily of the following mixture to each 3 lbs. milk: 75 lbs. bran, 50 lbs. each hominy, ground oats, cottonseed meal, and O. P. oil meal, 180 lbs. Unicorn Dairy Ration; 25 lbs. ensilage, hay and pasture.

Previous record begun as a two year old: 8690.50 lbs. milk, 465.75 lbs. butter fat. Published in Vol. XXXI.

Re-entry 4256 Clatford Hero's Jane 47882

Sire Imp. Clatford Hero 2d 22240 A. R.
Sire Imp. Hero of King's Mills Lodge 16906 A. R.
Dam Ma Charmante 2d 4891 E. G. H. B., Clatford's Charmante R. G. A. S. 4455 P. S.
Dam Imp. Jane of Ampthill 9th 40639 A. R. 2958.
Sire Maid's Honour 2060 E. G. H. B., R. G. A. S. 2108 P. S., A. R.
Dam Jane of Ampthill 4843 E. G. H. B.
Breeder F. S. Peer, Ithaca, N. Y.
Owner George C. Stone, Twig, Minn.
Born May 14, 1913. *Calved* June 6, 1916.
Served Feb. 20, 1917.
Requirement for admission: 289.90 lbs. butter fat.
Supervised by Minnesota Agricultural Experiment Station.

Official Year's Record, Class E

		Milk	Butter Fat	
		lbs.	%	lbs.
June	13, 1916,	489.80	5.23	25.62
July,	"	793.80	4.59	36.44
Aug.,	"	740.80	4.49	33.26
Sept.,	"	650.30	5.23	34.01
Oct.,	"	679.40	4.84	32.88
Nov.,	"	648.80	5.30	34.39
Dec.,	"	617.10	4.74	29.25
Jan.,	1917,	615.20	4.99	30.70
Feb.,	"	538.80	4.74	25.54
Mar.,	"	578.10	4.26	24.63
Apr.,	"	489.80	4.58	22.43
May,	"	485.10	5.24	25.42
June 12,	"	189.60	5.24	9.94
Total		**7516.60**	**4.85 Av.**	**364.51**

Owner's Statement of Feed

June—7.5 lbs. grain daily, 1.2 lbs. bran, .6 lb. each hominy and ground oats, .3 lb. each Ajax Flakes and oil meal, and 4.5 lbs. of the following mixture: 200 lbs. each bran and Ajax Flakes, 100 lbs. each hominy and oil meal, 50 lbs. ground oats, 75 lbs. Brewers' Grains, 35 lbs. each gluten and cottonseed meal; 1 lb. beet pulp, alfalfa.

July—9.5 lbs. grain daily of the following mixture: 150 lbs. bran, 100 lbs. hominy, 50 lbs. each ground oats, gluten, cottonseed meal, and oil meal, 125 lbs. Ajax Flakes; green clover to the 20th then rye and peas, mixed hay.

Aug.—Same ration as given in July.

Sept.—8.5 lbs. grain daily of the following mixture: 100 lbs. each bran and hominy, 50 lbs. each ground oats, gluten, cottonseed meal, and oil meal, 125 lbs. Ajax Flakes; 15 lbs. ensilage, 8 lbs. mixed hay.

Oct.—8.5 lbs. grain daily of the following mixture: 100 lbs. each bran and hominy, 40 lbs. ground oats, 125 lbs. Ajax Flakes, 75 lbs. Brewers' Grains, 50 lbs. each gluten, cottonseed meal, and oil meal; 15 lbs. each roots and ensilage, clover and timothy hay.

Nov.—Same ration as given in October.

Dec.—7.5 lbs. grain daily of the following mixture: 100 lbs. each bran, Ajax Flakes, and Brewers' Grains, 150 lbs. hominy, 75 lbs. gluten, 50 lbs. oil meal, 35 lbs. peanut meal; roots, ensilage, and clover hay.

Jan.—Same ration as given in December.

Feb.—7.5 lbs. grain daily of the following mixture: 100 lbs. each bran and Ajax Flakes, 75 lbs. gluten, 35 lbs. cottonseed meal, 50 lbs. oil meal; roots, ensilage, and alfalfa.

Mar.—Same ration as given in February.

Apr.—7 lbs. grain daily of the following mixture: 100 lbs. each bran and hominy, 50 lbs. each ground oats, gluten, and oil meal, 125 lbs. Ajax Flakes; 2 lbs. beet pulp, clover hay.

May—Same ration as given in April.

June—Same ration as given in April.

Previous record begun as a two year old: 6889.30 lbs. milk, 347.40 lbs. butter fat. Published in Vol. XXXI.

Re-entry 4272 Beatrice of Woodend 39338

Sire Imp. Cora's Governor of Chilmark 8971 A. R.
Sire Governor of the Chêne R. G. A. S. 1297 P. S., A. R.
Dam Imp. Cora's Queen's Prize IV. 16004 A. R. 143.
Dam Beatrice of Sea View 23189 A. R. 1607.
Sire Imp. Masher's Galore 8572 A. R.
Dam Imp. Beatrice of the Isles 16005 A. R. 310.
Breeder Albert C. Loring, Minneapolis, Minn.
Owner Albert C. Loring, Minneapolis, Minn.
Born Feb. 11, 1912. *Calved* Apr. 26, 1916.
Served Oct. 24, 1916.
Requirement for admission: 334.40 lbs. butter fat.
Supervised by Minnesota Agricultural Experiment Station.

Official Year's Record, Class C

		Milk	Butter Fat	
		lbs.	%	lbs.
June	1, 1916,	1319.50	4.65	61.36
July,	"	1068.40	4.30	45.94
Aug.,	"	838.60	4.87	40.84
Sept.,	"	857.10	4.94	42.34
Oct.,	"	831.70	4.83	40.17
Nov.,	"	732.10	4.90	35.87
Dec.,	"	761.50	5.08	38.68
Jan.,	1917,	750.10	5.04	37.81
Feb.,	"	708.40	5.23	37.05
Mar.,	"	801.40	5.23	41.91
Apr.,	"	725.50	5.67	41.14
May	31, "	729.70	5.55	40.50
Total		**10124.00**	**4.97 Av.**	**503.61**

Owner's Statement of Feed

June—7 to 8 lbs. grain daily of the following mixture: 300 lbs. bran, 20 lbs. each middlings and gluten, 225 lbs. oats, 200 lbs. barley, 60 lbs. cottonseed meal, 40 lbs. oil meal; pasture.

July—9 lbs. grain daily same mixture as June; pasture.

Aug.—Same ration as given in July.

Sept.—10.5 lbs. grain daily same mixture as June; 20 lbs. green corn, 2 lbs. hay, pasture.

Oct.—Same grain ration as September; ensilage and alfalfa.

Nov.—12 lbs. grain daily of the following mixture: 300 lbs. bran, 20 lbs. each middlings and gluten, 225 lbs. oats, 200 lbs. barley; ensilage and alfalfa.

Dec.—12 lbs. grain daily of the following mixture: 400 lbs. bran, 100 lbs. middlings, 200 lbs. oats, 300 lbs. barley, 50 lbs. oil meal; 10 lbs. roots, 30 to 35 lbs. ensilage, 8 to 10 lbs. alfalfa.

Jan.—Same ration as given in December.

Feb.—Same ration as given in December.

Mar.—13.5 lbs. grain daily of the following mixture: 100 lbs. each bran and barley, 75 lbs. corn meal, 60 lbs. oats, 40 lbs. gluten, 30 lbs. each cottonseed meal and oil meal; 25 lbs. roots, 20 lbs. ensilage, alfalfa.

Apr.—15.5 lbs. grain daily same mixture as March; 25 lbs. roots, 40 lbs. ensilage, 15 lbs. alfalfa.

May—15 lbs. grain daily of the following mixture: 400 lbs. bran, 150 lbs. ground oats, 300 lbs. ground barley, 50 lbs. oil meal; hay.

Previous record begun as a three year old: 9383.00 lbs. milk, 459.69 lbs. butter fat. Published in Vol. XXXI.

Re-entry 4613 Imp. Rosy XII. de la Vieille Rue 53814

Sire D'Arcy R. G. A. S. 2727 P. S.
Sire Imp. Shamrock of the Douit 16913 A. R.
Dam Daisy de la Vieille Rue R. G. A. S. 2939 F. S.
Dam Rosy IV. de la Vieille Rue R. G. A. S. 3419 F. S.
Sire Jap R. G. A. S. 1513 P. S.
Dam Rosy de la Vieille Rue II. R. G. A. S. 2236 F. S.
Breeder A. J. Robin, Island of Guernsey.
Owner Burdette P. Craig, Glen Spey, N. Y.
Born Mar. 24, 1913. *Calved* Sept. 26, 1916.
Served Mar. 26, 1917.
Requirement for admission: 305.80 lbs. butter fat.
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Official Year's Record, Class D

		Milk	Butter Fat	
		lbs.	%	lbs.
Sept.	29, 1916,	59.40	5.57	3.31
Oct.,	"	1260.90	5.57	70.23
Nov.,	"	1188.50	5.57	66.20
Dec.,	"	1001.50	5.19	51.98
Jan.,	1917,	966.50	5.29	51.13
Feb.,	"	814.00	5.30	43.14
Mar.,	"	957.90	5.22	50.00
Apr.,	"	896.20	5.20	46.60
May,	"	841.00	5.35	44.99
June,	"	694.90	5.54	38.50
July,	"	534.90	5.73	30.65
Aug.,	"	507.50	5.55	28.17
Sept.	28, "	388.50	5.65	21.95
Total		**10111.70**	**5.41 Av.**	**546.85**

Owner's Statement of Feed

Sept.—6 lbs. grain daily of the following mixture: 100 lbs. each bran and ground oats, 50 lbs. O. P. linseed meal; 12 lbs. ensilage, 15 lbs. alfalfa.

Oct.—6 to 10 lbs. grain daily to the 11th same mixture as September, then 10 lbs. of 100 lbs. each bran, hominy meal, and ground oats, 125 lbs. Ajax Flakes, 50 lbs. each cottonseed meal and O. P. linseed meal; 20 lbs. ensilage, 15 lbs. clover hay.

Nov.—10 to 12 lbs. grain daily same mixture as last of October; 20 lbs. ensilage, 15 lbs. alfalfa and clover hay.

Dec.—10 lbs. grain daily same mixture as last of October; 25 lbs. ensilage, 10 lbs. alfalfa.

Jan.—12 lbs. grain daily same mixture as last of October; 25 lbs. ensilage, 10 lbs. alfalfa.

Feb.—11.5 lbs. grain daily same mixture as last of October; 4 lbs. beet pulp, 10 lbs. alfalfa.

Mar.—Same ration as given in February.

Apr.—Same grain ration as February; 6 lbs. beet pulp, 10 lbs. alfalfa.

May—10.6 lbs. grain daily same mixture as last of October; 6 lbs. beet pulp, 11.35 lbs. alfalfa.

June—11 lbs. grain daily same mixture as last of October; 12 lbs. alfalfa and pasture.

July—8 lbs. grain daily of the following mixture: 200 lbs. each bran and ground oats, 150 lbs. hominy feed, 125 lbs. Brewers' Grains, 75 lbs. gluten feed, 100 lbs. each cottonseed meal and O. P. linseed meal; 4.8 lbs. alfalfa and pasture.

Aug.—7 lbs. grain daily of the following mixture: 200 lbs. each bran and ground oats, 150 lbs. hominy meal, 115 lbs. Brewers' Grains, 100 lbs. each gluten feed, cottonseed meal, and O. P. linseed meal; 25 lbs. green corn, 5 lbs. alfalfa, pasture.

Sept.—6 lbs. grain daily same mixture as August; 5 lbs. alfalfa and pasture.

Previous record begun as a two year old: 8155.70 lbs. milk, 462.99 lbs. butter fat. Published in Vol. XXXI.

Re-entry 5621 Dora A. of Seneca 36974

Sire Prince Royal of Spring Brook 13942 A. R.
Sire Sir Ford 3d 7363 A. R.
Dam Loretta of Spring Brook 20016.
Dam Beauty of Charlton 16626.
Sire Frolic of Ellerslie 4689.
Dam Susie S. 9205.
Breeder Charlton Industrial Farm School, Ballston Lake, N. Y.
Owner M. T. Phillips, Pomeroy, Pa.
Born May 1, 1911. *Calved* July 7, 1916.
Served Nov. 30, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Pennsylvania Agricultural Experiment Station.

Official Year's Record, Class A

		Milk	Butter Fat	
		lbs.	%	lbs.
July	12, 1916,	660.60	4.38	28.93
Aug.,	"	1155.00	4.38	50.59
Sept.,	"	1030.40	4.00	41.22
Oct.,	"	1007.70	4.28	43.13
Nov.,	"	932.50	4.89	45.60
Dec.,	"	919.60	4.53	41.66
Jan.,	1917,	898.90	5.33	47.91
Feb.,	"	783.70	5.36	42.01
Mar.,	"	824.90	5.82	48.01
Apr.,	"	778.00	5.58	43.41
May,	"	746.70	5.53	41.29
June,	"	552.00	5.43	29.97
July	11, "	156.60	5.43	8.50
Total		**10446.60**	**4.90 Av.**	**512.23**

Owner's Statement of Feed

July—266.65 lbs. grain: 10.75 lbs. bran, 12.9 lbs. corn meal, 96.5 lbs. Larro-Feed, 21.5 lbs. each Cow Chow and gluten, 62.5 lbs. Distillers' Grains, 41 lbs. beet pulp; alfalfa and pasture.

Aug.—523.5 lbs. grain: 64.8 lbs. bran, 59 lbs. corn meal, 23.1 lbs. ground oats, 28.2 lbs. Cow Chow, 220.2 lbs. Distillers' Grains, 50.7 lbs. gluten, 77.5 lbs. beet pulp; green corn, alfalfa, and pasture.

Sept.—478.3 lbs. grain: 79 lbs. bran, 46 lbs. corn meal, 181.3 lbs. Distillers' Grains, 72 lbs. gluten, 100 lbs. beet pulp; alfalfa and pasture.

Oct.—450 lbs. grain: 103 lbs. bran, 51.5 lbs. corn meal, 138 lbs. Distillers' Grains, 59.5 lbs. gluten, 98 lbs. beet pulp; ensilage and alfalfa.

Nov.—392.8 lbs. grain: 85.8 lbs. bran, 30.8 lbs. corn meal, 136.6 lbs. Distillers' Grains, 50.6 lbs. gluten, 89 lbs. beet pulp; corn ensilage, mixed alfalfa and timothy hay.

Dec.—230 lbs. grain: 70 lbs. bran, 78.5 lbs. Distillers' Grains, 19.5 lbs. gluten, 62 lbs. beet pulp; ensilage, mixed alfalfa and timothy hay.

Jan.—370 lbs. grain: 60 lbs. bran, 101 lbs. corn and cob meal, 145 lbs. Distillers' Grains, 9 lbs. gluten, 55 lbs. beet pulp; ensilage, mixed alfalfa and timothy hay.

Feb.—390 lbs. grain: 61 lbs. bran, 104 lbs. corn and cob meal, 3 lbs. each ground oats and Larro-Feed, 151 lbs. Distillers' Grains, 22 lbs. gluten, 46 lbs. beet pulp; ensilage, mixed alfalfa and timothy hay.

Mar.—445.8 lbs. grain: 63.3 lbs. bran, 42 lbs. corn and cob meal, 33.3 lbs. corn meal, 22.5 lbs. ground oats, 184.6 lbs. Distillers' Grains, 17.5 lbs. Larro-Feed, 20.6 lbs. gluten, 62 lbs. beet pulp; ensilage, mixed alfalfa and timothy hay.

Apr.—381.5 lbs. grain: 53 lbs. bran, 90 lbs. corn meal, 47 lbs. ground oats, 124 lbs. Distillers' Grains, 7.5 lbs. gluten, 60 lbs. beet pulp; ensilage and mixed hay.

May—336 lbs. grain: 48 lbs. bran, 120.5 lbs. corn meal, 6 lbs. ground oats, 61 lbs. Distillers' Grains, 14 lbs. Larro-Feed, 12.5 lbs. gluten, 20 lbs. cottonseed meal, 54 lbs. beet pulp; ensilage and mixed hay to the 20th, then pasture.

June—227.5 lbs. grain: 72 lbs. bran, 28 lbs. corn meal, 31.5 lbs. Distillers' Grains, 5.5 lbs. gluten, 30.5 lbs. cottonseed meal, 60 lbs. beet pulp; pasture.

July—54.5 lbs. grain: 15 lbs. bran, 7 lbs. corn meal, 10 lbs. Distillers' Grains, 11.5 lbs. cottonseed meal, 11 lbs. beet pulp; pasture.

Previous record begun as a three year old: 6885.90 lbs. milk, 343.23 lbs. butter fat. Published in Vol. XXXII.